Hill International North Africa Ltd.
5A- Water way, Administrative Unit,
NO.AS-1-Building No. A,, Second Floor
Plot No.5A Tourist Area, New Cairo,
Cairo, Egypt
Tel: +202 2322 0000
Fax: +202 2322 0022
www.hillintl.com

Date: December 11, 2025
Ref: PEG-1155-93M-CN-HI-BOA-LET-HE-13214

Jean Marc Decloquement
Consortium Director
Blocks 277-278,2nd business sector,
Teseen st, Shaker Consultancy Building
New Cairo, Egypt.

Project: Engineering, Procurement and Construction of the New Administrative Capital Monorail and 6th October City Monorail (Contract 93/Metro).

Subject: Non-conformities in Shop Drawings. // 93M-BOA-NAT-LOT-33659

References: -

1. Hill's Letter ref. PEG-1155-93M-CN-HI-BOA-LET-JB-0164
2. Hill's Letter no- PEG-1155-93M-CN-HI-BOA-LET-JB-0205
3. Contractor's Transmittal ref. 93M-BOA-NAT-LOT-33659

Dear Sir,

We note that the below shop drawings (in the Annexure) were uploaded on Aconex with status "closed". We note that there are some comments within the drawings needed to be addressed before commencing the site work.

The comments on the shop drawings as per attached annexure.

The Contractor is advised to correct the above into the shop drawings before any issuance to his site staff.

The Contractor is hereby further notified that in any such eventuality of rework, dismantling of constructed structure on account of such omission on the part of Contractor, it will be to Contractor's account and we re-iterate that any deviations from the approved drawings will triggers withholding from the upcoming payments pursuant to Sub-Clause 14.6 (b) of Conditions of Contract.

For and on behalf of
Hill International (Africa) Ltd

Carlos Montero
Project Director

Attachments:

1. Non conformities table.
2. Stamped Drawings listed in the attached "Comments table".

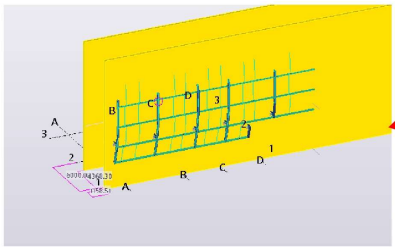
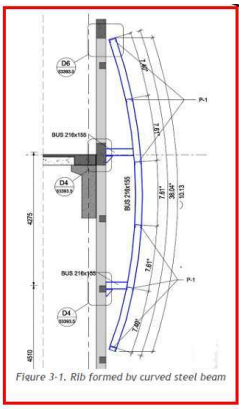
Initial /reviewed by: HE

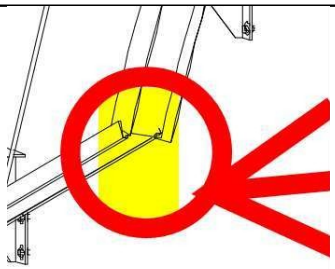
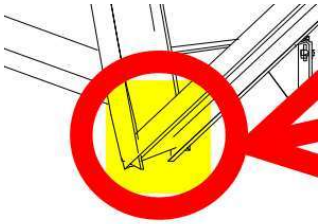
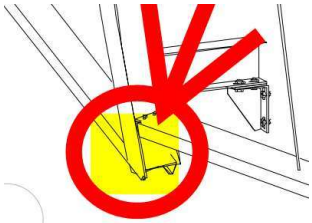
Reply Required: (X) Yes ( ) No

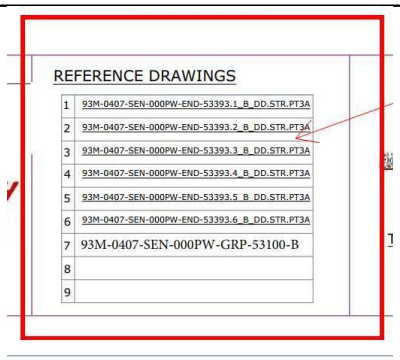
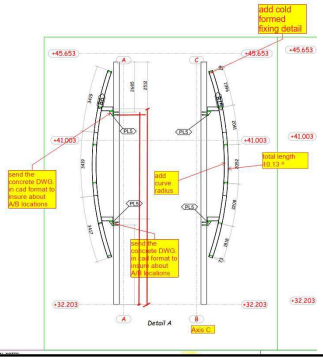
Cc: NAT

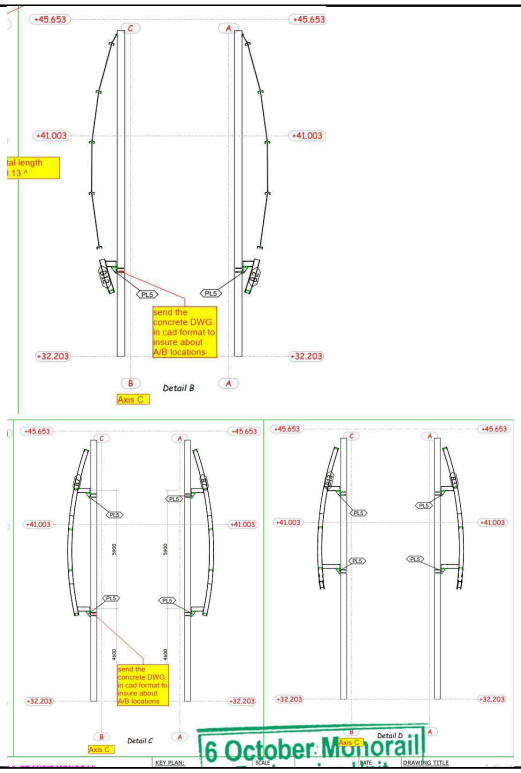
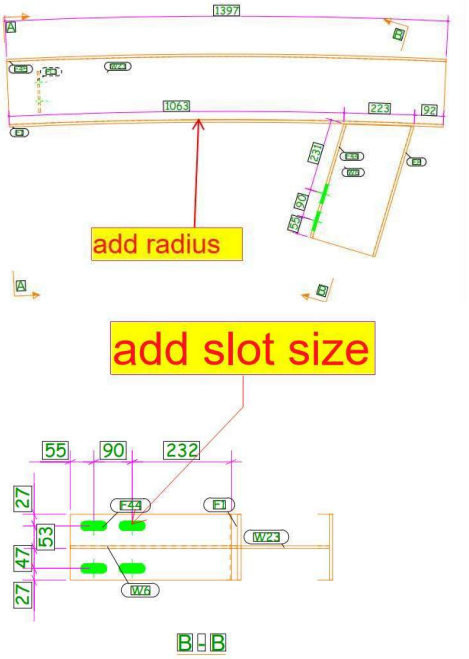
DELIVERING THE INFRASTRUCTURE OF CHANGE

93M-BOA-NAT-LOT-33659

S. No.	Drawing no	Non-Conformity
1	93M-0407-ACC-6O11A-DWG-50001-A	-The contractor must carry out coordination between the concrete columns and steel elements to ensure their full alignment and to verify any shift between the concrete and steel . in addition, the concrete shop drawing must be submitted in auto CAD format for review and for verifying the locations of the anchor bolts -All connection must be clearly detailed with complete information in the erection drawing the given IFC is not match with design as it should be with 2 supported points as per design it is better to send full tekla model   -Please submit a design reference for this detail other way please submit a verification

		   - It is the contractor responsibility to ensure and revise all Dimensions and levels with the approved design drawings besides the coordination package before commencing any site Works. - the embedded length of anchors shall be provided. -The connections details must be included in the erection drawing -please cover all design comment at LOT-22316
2	93M-0407-ACC-6O11A-DWG-50002-A	-The concrete shop drawing sheet numbers must be clearly indicated in the reverts to ensure the correct locations of the anchor bolts

		
3	93M-0407-ACC-6O11A-DWG-50003-A	Please review the dimensions and level with the site before starting fabrication, as they are not matching with the design reference.
4	93M-0407-ACC-6O11A-DWG-50004-A	Please review the dimensions and level with the site before starting fabrication as they are not matching with the design reference.
5	93M-0407-ACC-6O11A-DWG-50005-A	-The connections details must be included in the erection drawing -add details for c section connection add detail for A/B connections with embedded length add curved radius and curved redial angle levels are not matching 

		
6	93M-0407-ACC-6O11A-DWG-50006-A 93M-0407-ACC-6O11A-DWG-50007-A 93M-0407-ACC-6O11A-DWG-50008-A 93M-0407-ACC-6O11A-DWG-50009-A 93M-0407-ACC-6O11A-DWG-50010-A 93M-0407-ACC-6O11A-DWG-50011-A 93M-0407-ACC-6O11A-DWG-50012-A 93M-0407-ACC-6O11A-DWG-50013-A 93M-0407-ACC-6O11A-DWG-50014-A 93M-0407-ACC-6O11A-DWG-50015-A 93M-0407-ACC-6O11A-DWG-50016-A 93M-0407-ACC-6O11A-DWG-50017-A 93M-0407-ACC-6O11A-DWG-50018-A 93M-0407-ACC-6O11A-DWG-50019-A 93M-0407-ACC-6O11A-DWG-50020-A 93M-0407-ACC-6O11A-DWG-50021-A 93M-0407-ACC-6O11A-DWG-50022-A 93M-0407-ACC-6O11A-DWG-50023-A 93M-0407-ACC-6O11A-DWG-50024-A 93M-0407-ACC-6O11A-DWG-50025-A 93M-0407-ACC-6O11A-DWG-50026-A 93M-0407-ACC-6O11A-DWG-50027-A 93M-0407-ACC-6O11A-DWG-50028-A 93M-0407-ACC-6O11A-DWG-50029-A	-Drawing shall be updated according to the comments on the GA drawing. -Approval is subjected to the approval of coordination package between multi-discipline. 

	93M-0407-ACC-6O11A-DWG-50030-A 93M-0407-ACC-6O11A-DWG-50031-A 93M-0407-ACC-6O11A-DWG-50032-A 93M-0407-ACC-6O11A-DWG-50033-A 93M-0407-ACC-6O11A-DWG-50034-A 93M-0407-ACC-6O11A-DWG-50035-A 93M-0407-ACC-6O11A-DWG-50036-A 93M-0407-ACC-6O11A-DWG-50037-A 93M-0407-ACC-6O11A-DWG-50038-A 93M-0407-ACC-6O11A-DWG-50039-A 93M-0407-ACC-6O11A-DWG-50040-A 93M-0407-ACC-6O11A-DWG-50041-A 93M-0407-ACC-6O11A-DWG-50042-A 93M-0407-ACC-6O11A-DWG-50043-A 93M-0407-ACC-6O11A-DWG-50044-A 93M-0407-ACC-6O11A-DWG-50045-A 93M-0407-ACC-6O11A-DWG-50046-A 93M-0407-ACC-6O11A-DWG-50047-A 93M-0407-ACC-6O11A-DWG-50048-A 93M-0407-ACC-6O11A-DWG-50049-A 93M-0407-ACC-6O11A-DWG-50050-A 93M-0407-ACC-6O11A-DWG-50051-A 93M-0407-ACC-6O11A-DWG-50052-A 93M-0407-ACC-6O11A-DWG-50053-A 93M-0407-ACC-6O11A-DWG-50054-A 93M-0407-ACC-6O11A-DWG-50055-A 93M-0407-ACC-6O11A-DWG-50056-A 93M-0407-ACC-6O11A-DWG-50057-A 93M-0407-ACC-6O11A-DWG-50058-A 93M-0407-ACC-6O11A-DWG-50059-A 93M-0407-ACC-6O11A-DWG-50060-A 93M-0407-ACC-6O11A-DWG-50061-A 93M-0407-ACC-6O11A-DWG-50062-A 93M-0407-ACC-6O11A-DWG-50063-A 93M-0407-ACC-6O11A-DWG-50064-A 93M-0407-ACC-6O11A-DWG-50065-A 93M-0407-ACC-6O11A-DWG-50066-A 93M-0407-ACC-6O11A-DWG-50067-A 93M-0407-ACC-6O11A-DWG-50068-A 93M-0407-ACC-6O11A-DWG-50069-A 93M-0407-ACC-6O11A-DWG-50070-A 93M-0407-ACC-6O11A-DWG-50071-A 93M-0407-ACC-6O11A-DWG-50072-A	

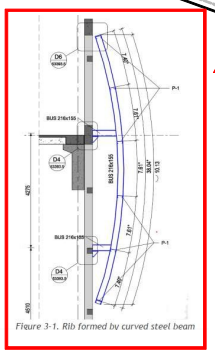
	93M-0407-ACC-6O11A-DWG-50073-A 93M-0407-ACC-6O11A-DWG-50074-A 93M-0407-ACC-6O11A-DWG-50075-A 93M-0407-ACC-6O11A-DWG-50076-A 93M-0407-ACC-6O11A-DWG-50077-A 93M-0407-ACC-6O11A-DWG-50078-A 93M-0407-ACC-6O11A-DWG-50079-A 93M-0407-ACC-6O11A-DWG-50080-A 93M-0407-ACC-6O11A-DWG-50081-A 93M-0407-ACC-6O11A-DWG-50082-A 93M-0407-ACC-6O11A-DWG-50083-A 93M-0407-ACC-6O11A-DWG-50084-A 93M-0407-ACC-6O11A-DWG-50085-A 93M-0407-ACC-6O11A-DWG-50086-A 93M-0407-ACC-6O11A-DWG-50087-A 93M-0407-ACC-6O11A-DWG-50088-A 93M-0407-ACC-6O11A-DWG-50089-A 93M-0407-ACC-6O11A-DWG-50090-A 93M-0407-ACC-6O11A-DWG-50091-A	

- It is the contractor responsibility to ensure and revise all Dimensions and levels with the approved design drawings besides the coordination package before commencing any site Works.
- the embedded length of anchors shall be provided.
-The connections details must be included in the erection drawing
-please cover all design comment at LOT-22316

the given IFC is not match with design as it should be with 2 supported points as per design it is better to send full tekla model

-Please submit a design reference for this detail other way please submit a verification

All connection must be clearly detailed with complete information in the erection drawing



This workshop drawing
the folder of the

The contractor must carry out coordination between the concrete columns and steel elements to ensure their full alignment and to verify any shift between the concrete and steel . in addition, the concrete shop drawing must be submitted in auto CAD format for review and for verifying the locations of the anchor bolts

GENERAL NOTES:

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-ENG-53099-1_B_00-STR-PTA
2	93M-0407-SEN-000PW-ENG-53099-2_B_00-STR-PTA
3	93M-0407-SEN-000PW-ENG-53099-3_B_00-STR-PTA
4	93M-0407-SEN-000PW-ENG-53099-4_B_00-STR-PTA
5	93M-0407-SEN-000PW-ENG-53099-5_B_00-STR-PTA
6	93M-0407-SEN-000PW-ENG-53099-6_B_00-STR-PTA
7	93M-0407-SEN-000PW-GRP-53100-B
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Consultant | Main Contractor | Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

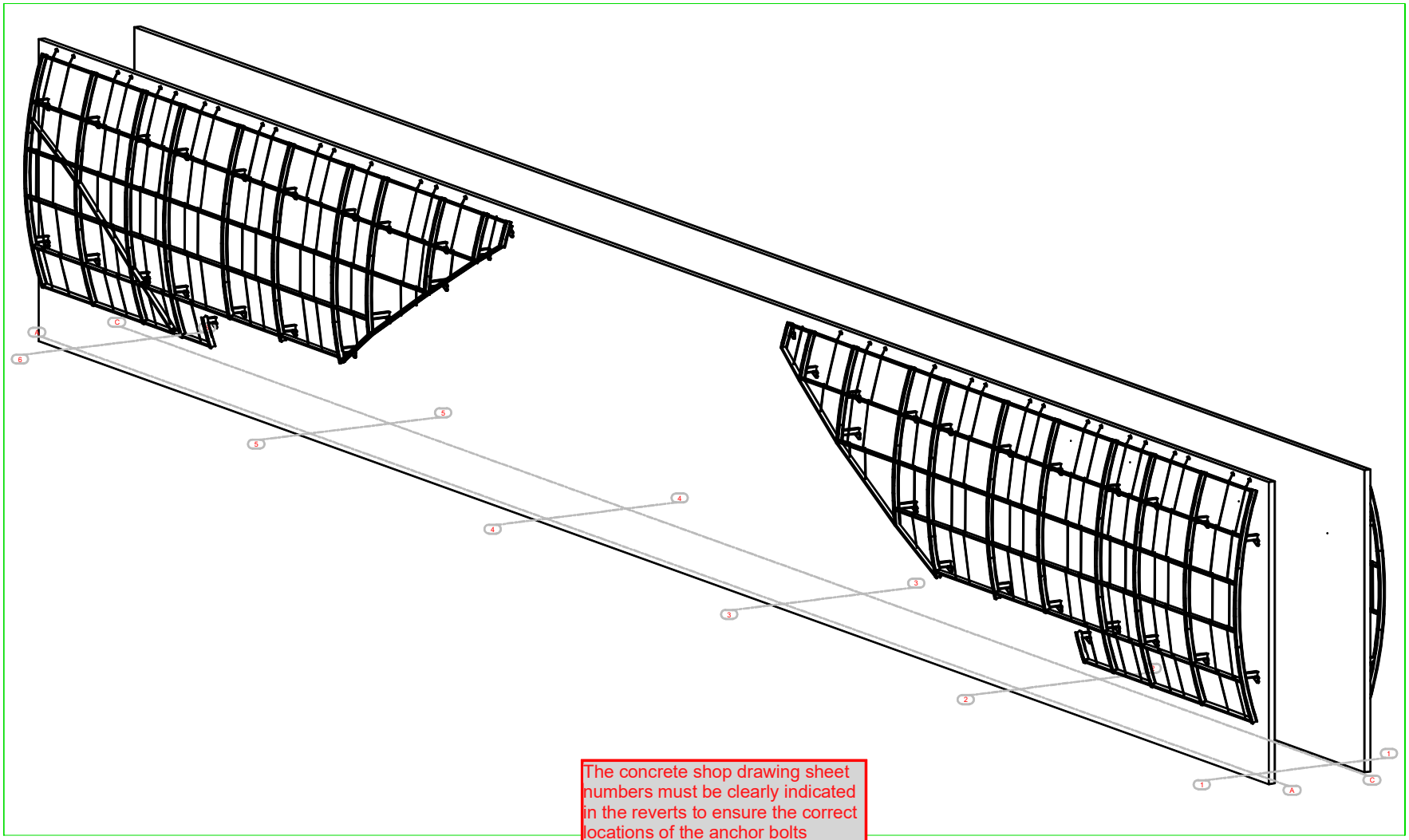
SCALE | DESIGNATION | DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION) STEEL STRUCTURE THAT SUPPORTS THE SIDE CLADDING
3D VIEW

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 0 0 0 1	A



The concrete shop drawing sheet numbers must be clearly indicated in the reverts to ensure the correct locations of the anchor bolts

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY

FERROTECH

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-ENG-53091-1_B_00-STR-PTA1
2	93M-0407-SEN-000PW-ENG-53091-2_B_00-STR-PTA1
3	93M-0407-SEN-000PW-ENG-53091-3_B_00-STR-PTA1
4	93M-0407-SEN-000PW-ENG-53091-4_B_00-STR-PTA1
5	93M-0407-SEN-000PW-ENG-53091-5_B_00-STR-PTA1
6	93M-0407-SEN-000PW-ENG-53091-6_B_00-STR-PTA1
7	93M-0407-SEN-000PW-GRP-53100-B
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Consultant: Hill International | Main Contractor: Cragcon, Bombardier | Structural Designer: Shaker, Sener

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

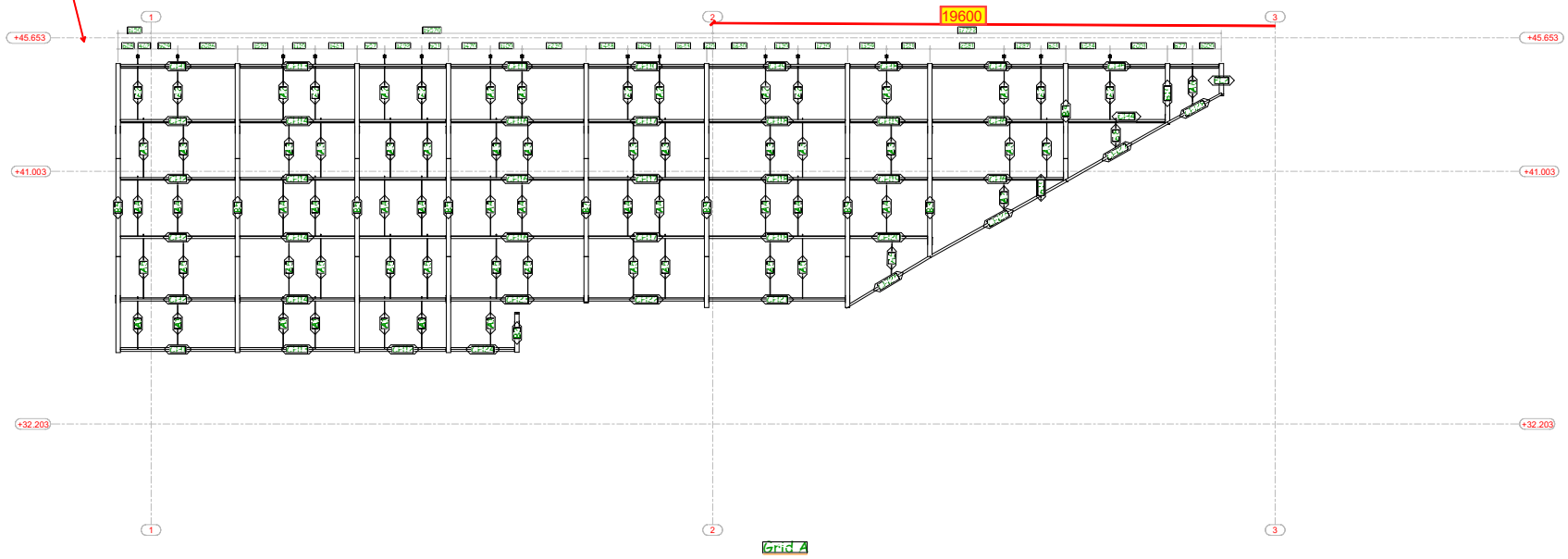
6TH OF OCTOBER MONORAIL

STATION PROTOTYPE 03 (BASHTEEL STATION) STEEL STRUCTURE THAT SUPPORTS THE SIDE CLADDING 3D VIEW

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 3 0 0 C	A

Please review the dimensions and level with the site before starting fabrication as they are not matching with the design reference.

REVIEWED WITH COMMENT
MONORAILS PROJECT



GENERAL NOTES:

LEGENDS :

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-END-53193.1_B_DD-STR-PT3A
2	93M-0407-SEN-000PW-END-53193.2_B_DD-STR-PT3A
3	93M-0407-SEN-000PW-END-53193.3_B_DD-STR-PT3A
4	93M-0407-SEN-000PW-END-53193.4_B_DD-STR-PT3A
5	93M-0407-SEN-000PW-END-53193.5_B_DD-STR-PT3A
6	93M-0407-SEN-000PW-END-53193.6_B_DD-STR-PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Consultant | Main Contractor | Structural Designer

KEY PLAN:

SCALE: AS SHOWN | DATE: | DRAWING TITLE

6 October Monorail
Engineering Unit
Valid For Construction

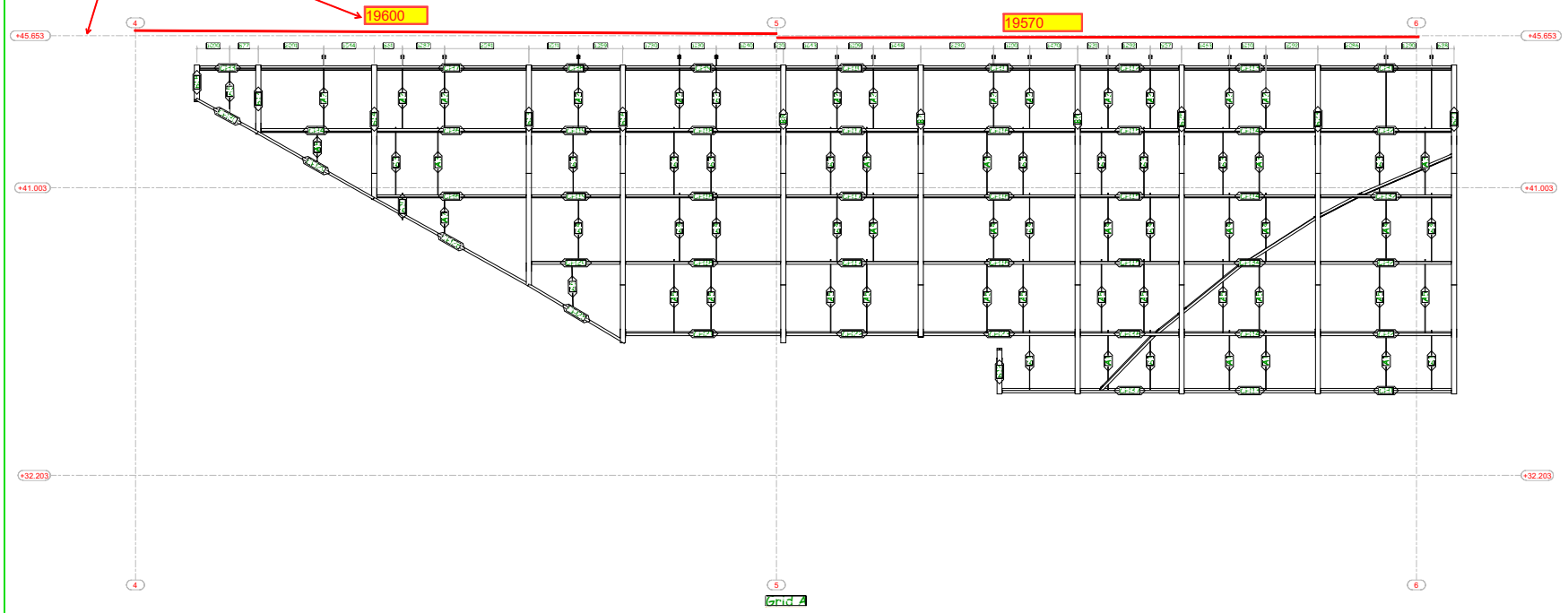
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
LONGITUSINAL SECTION (1/2)

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
93M0407	ACC	60	11	ADW	G50003	A

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

Please review the dimensions and level with the site before starting fabrication as they are not matching with the design reference.

REVIEWED WITH COMMENT
MONORAILS PROJECT



GENERAL NOTES:

LEGENDS :

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-END-53193.1_B_DD-STR-PTJA
2	93M-0407-SEN-000PW-END-53193.2_B_DD-STR-PTJA
3	93M-0407-SEN-000PW-END-53193.3_B_DD-STR-PTJA
4	93M-0407-SEN-000PW-END-53193.4_B_DD-STR-PTJA
5	93M-0407-SEN-000PW-END-53193.5_B_DD-STR-PTJA
6	93M-0407-SEN-000PW-END-53193.6_B_DD-STR-PTJA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Hill International Consultant | ORASCOM BOMBARDIER Main Contractor | SHAKER SENER Structural Designer

KEY PLAN:

SCALE: AS SHOWN | DATE | DRAWING TITLE

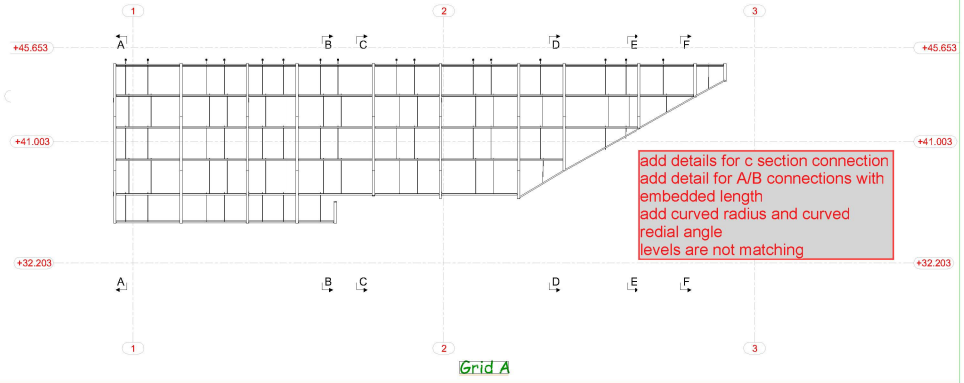
6 October Monorail
Engineering Unit
Valid For Construction

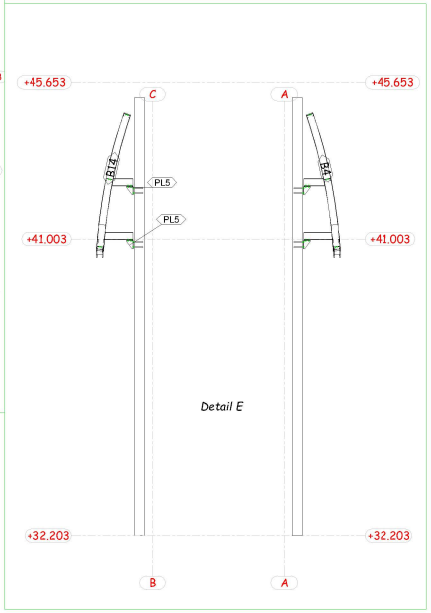
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
LONGITUSINAL SECTION (2/2)

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
93M0407	ACC	60	11	ADW	G5	0004 A

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

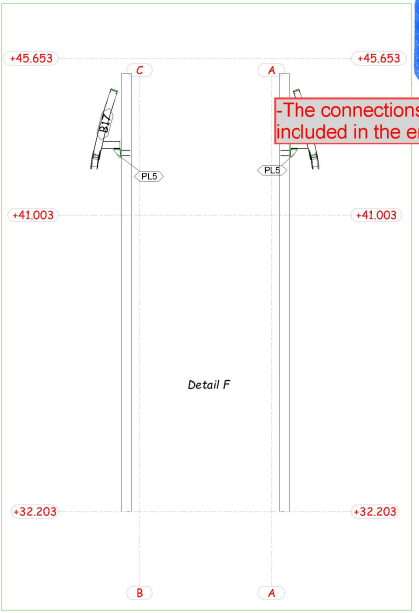
REVIEWED WITH COMMENT
MONORAILS PROJECT


+45.653
+41.003
+32.203
add details for c section connection
add detail for A/B connections with embedded length
add curved radius and curved redial angle
levels are not matching
Grid A

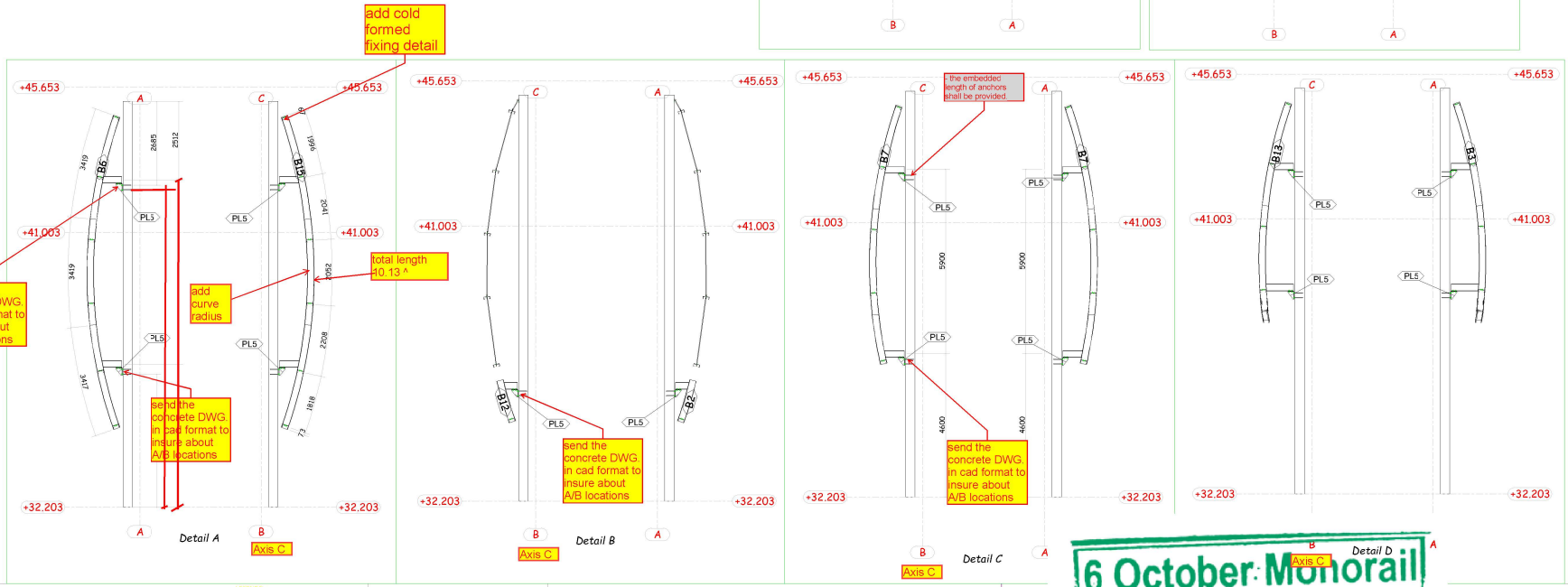


Detail E

-The connections details must be included in the erection drawing



Detail F


add cold formed fixing detail
send the concrete DWG. in cad format to insure about A/B locations
add curve radius
total length 40.13 ^
send the concrete DWG. in cad format to insure about A/B locations
send the concrete DWG. in cad format to insure about A/B locations
- the embedded length of anchors shall be provided.
send the concrete DWG. in cad format to insure about A/B locations
+45.653
+41.003
+32.203
PL5
Axis C
Detail A
Detail B
Detail C
Detail D

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

LEGENDS :

REFERENCE DRAWINGS

1	93M-0407-STN-000PW-TND-13393.1_R_DO.STR.PT3A
2	93M-0407-STN-000PW-TND-13393.2_R_DO.STR.PT3A
3	93M-0407-STN-000PW-TND-13393.3_R_DO.STR.PT3A
4	93M-0407-STN-000PW-TND-13393.4_R_DO.STR.PT3A
5	93M-0407-STN-000PW-TND-13393.5_R_DO.STR.PT3A
6	93M-0407-STN-000PW-TND-13393.6_R_DO.STR.PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Consultant | Main Contractor | Structural Designer

KEY PLAN:

SCALE: AS SHOWN | DATE | DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
CROSS SECTIONS

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C C	6 0 1 1	A D W G	5 0 0 0	0 5 A

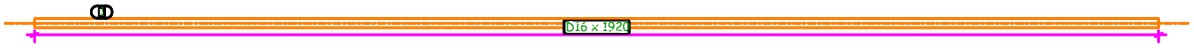
GRID LOCATION	
A1	1-2/<A
A1	1-2/B>
A1	1/<A
A1	1/B>
A1	5-6/<A
A1	5-6/B>
A1	6/<A
A1	6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A1 28 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
1	D16	ST-52	1	1920	0.1	2.7
				Total	0.1	2.7

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



28 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A1

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C C	E C	1 1	A D W G	5 0 0 0 6	A

GRID LOCATION	
A2	1-2/<A
A2	1-2/B>
A2	1/<A
A2	1/B>
A2	2-3/<A
A2	2-3/B>
A2	4-5/<A
A2	4-5/B>
A2	5-6/<A
A2	5-6/B>
A2	6/<A
A2	6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A2 64 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
2	D16	ST-52	1	2094	0.1	3.0
				Total	0.1	3.0

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

64 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A2

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR.PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR.PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR.PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR.PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR.PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — CRASCOM BOMBARDIER (Main Contractor) — SHAKER SENER (Structural Designer)

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DRAWN BY DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 0 0 0 7	A

GRID LOCATION	
A3	1-2/<A
A3	1-2/B>
A3	1/<A
A3	1/B>
A3	2-3/<A
A3	2-3/B>
A3	4-5/<A
A3	4-5/B>
A3	5-6/<A
A3	5-6/B>
A3	6/<A
A3	6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A3 60 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
3	D16	ST-52	1	2138	0.1	3.0
				Total	0.1	3.0

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

60 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A3

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — ORASCOM BOMBARDIER (Main Contractor) — SHAKER SENER (Structural Designer)

KEY PLAN:

SCALE	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	01	A

DWG-S-0008-A

GRID LOCATION	
A4	1-2/<A
A4	1-2/B>
A4	1/<A
A4	1/B>
A4	2-3/<A
A4	2-3/B>
A4	4-5/<A
A4	4-5/B>
A4	5-6/<A
A4	5-6/B>
A4	6/<A
A4	6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A4 52 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
4	D16	ST-52	1	2150	0.1	3.1
				Total	0.1	3.1

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

52 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A4

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant: Hill International — Main Contractor: Orascom Construction / Bombardier — Structural Designer: Shaker / Sener

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADW	G50005	A

Tekla structures

GRID LOCATION	
A5	1-2/<A
A5	1-2/B>
A5	1/<A
A5	1/B>
A5	2-3/<A
A5	2-3/B>
A5	4-5/<A
A5	4-5/B>
A5	5-6/<A
A5	5-6/B>
A5	6/<A
A5	6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A5 48 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
5	D16	ST-52	1	2303	0.1	3.3
				Total	0.1	3.3

48 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A5

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — ORASCOM BOMBARDIER (Main Contractor) — SHAKER SENER (Structural Designer)

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 0 1 - 0	A

GRID LOCATION	
A6	2-3/<A
A6	2-3/B>
A6	4-5/<A
A6	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O

MATERIAL LIST FOR ASSEMBLY A6 7 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
6	D16	ST-52	1	1663	0.1	2.4
				Total	0.1	2.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

7 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A6

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mabny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant: Hill International — Main Contractor: Orascom Construction / Bombardier — Structural Designer: Shaker / SENER

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	AC	CB	11	AD	WG	53	01	-	A

GRID LOCATION	
A7	2-3/<A
A7	2-3/B>
A7	4-5/<A
A7	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A7 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
7	D16	ST-52	1	1498	0.1	2.1
				Total	0.1	2.1

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

4 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A7

Tekla structures

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant — Main Contractor — Structural Designer

KEY PLAN:

SCALE DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	0001	A

GRID LOCATION	
A8	2-3/<A
A8	2-3/B>
A8	4-5/<A
A8	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A8 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
8	D16	ST-52	1	1202	0.1	1.7
				Total	0.1	1.7

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

4 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A8

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR.PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR.PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR.PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR.PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR.PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant: Hill International — Main Contractor: Orascom Construction / Bombardier — Structural Designer: Shaker / Sener

KEY PLAN:

SCALE DRAWN BY DATE

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 0 1 5	A

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

GRID LOCATION	
A9	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A9 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
9	D16	ST-52	1	1662	0.1	2.4
				Total	0.1	2.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

1 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A9

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant: Hill International — Main Contractor: Orascom Construction / Bombardier — Structural Designer: Shaker / SENER

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	6	C	11	A	DWG	53	01	4	A

Tekla structures

GRID LOCATION	
A10	2-3/<A
A10	2-3/B>
A10	4-5/<A
A10	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A10 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
10	D16	ST-52	1	817	0.0	1.2
				Total	0.0	1.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

4 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A10

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor (ORASCOM / BOMBARDIER) — Structural Designer (SHAKER / SENER)

KEY PLAN:

SCALE DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	B	C	11	A	D	WG	53	01	-	5	A

Tekla structures

GRID LOCATION	
A11	1-2/<A
A11	1-2/B>
A11	1/<A
A11	1/B>
A11	2-3/<A
A11	2-3/B>
A11	4-5/<A
A11	4-5/B>
A11	5-6/<A
A11	5-6/B>
A11	6/<A
A11	6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY A11 64 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
11	D16	ST-52	1	506	0.0	0.7
				Total	0.0	0.7

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

64 Nos. LIERNE TH*** REQUIRED AS DRAWN MARKED A11

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — CRASCOM BOMBARDIER (Main Contractor) — SHAKER SENER (Structural Designer)

KEY PLAN:

SCALE DRAWN BY CHECKED BY DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

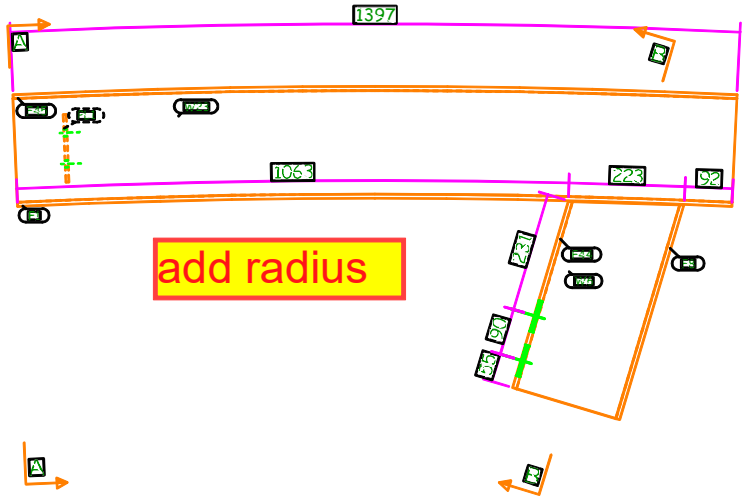
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

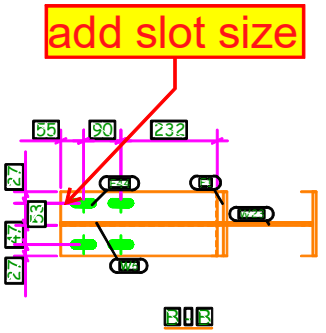
Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	6	C	1	1	A	D	W	G	-	5	0	1	-	6	A

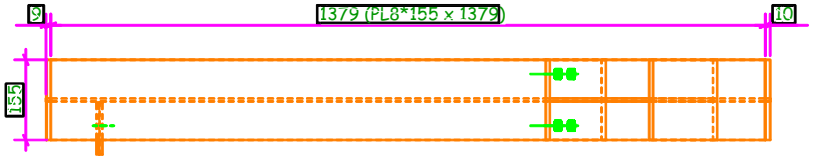
GRID LOCATION	
B2	1-2/<A
B2	5-6/B>

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B2 2 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
F1	PL8*155	ST-52	1	1379	0.5	13.4
F8	PL8*155	ST-52	1	432	0.1	4.2
F44	PL8*155	ST-52	1	377	0.1	3.7
F45	PL8*155	ST-52	1	1397	0.5	13.6
PL1	FLT6*100	ST-52	1	130	0.0	0.6
W6	FLT6*200	ST-52	1	430	0.2	3.8
W23	FLT6*200	ST-52	1	1388	0.6	13.1
				Total	1.9	52.4







REVIEWED WITH COMMENT MONORAILS PROJEC

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

2 Nos. FLANGE REQUIRED AS DRAWN MARKED B2

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International Consultant — Main Contractor — Structural Designer

KEY PLAN:

SCALE | DRAWN | DESIGN | DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACG	BC	11	ADWG-53011-A

GRID LOCATION	
B3	2-3/<A
B3	4-5/B>

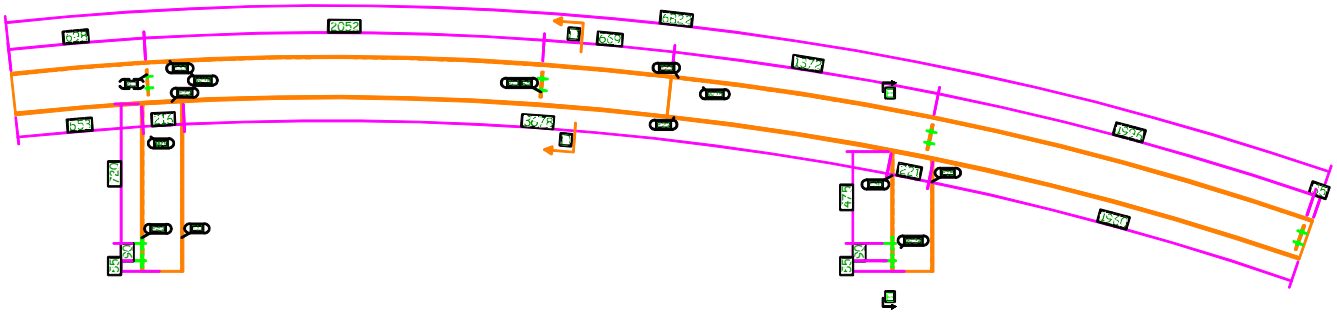
REVIEWED WITH COMMENT
MONORAIL

same comment as
39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B3 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F11	PL8*155	ST-52	1	877	0.3	8.5
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F42	PL8*155	ST-52	1	866	0.3	8.4
PL1	FLT6*100	ST-52	7	130	0.2	4.3
W8	FLT6*200	ST-52	1	876	0.4	8.2
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W24	FLT6*200	ST-52	1	619	0.2	5.6
				Total	9.0	242.5



2 Nos. FLANGE REQUIRED AS DRAWN MARKED B3

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International Consultant — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50023	A

Tekla structures

GRID LOCATION	
B4	2-3/<A
B4	4-5/B>

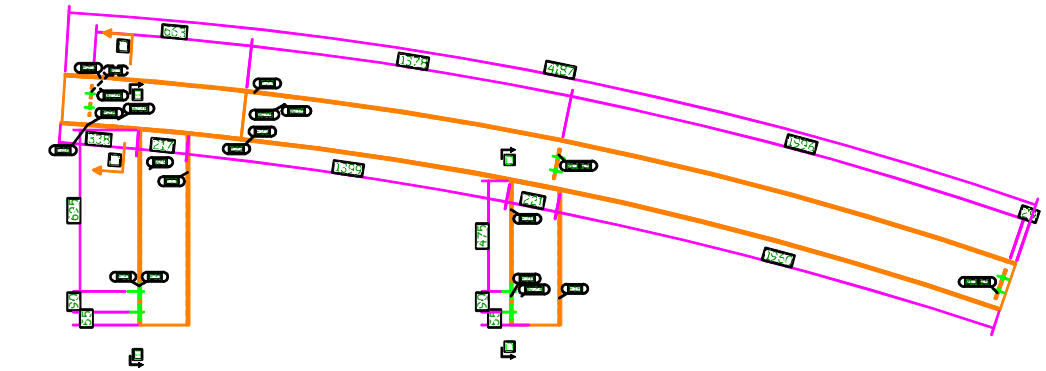
REVIEWED WITH COMMENT
MONORAILS PROJECT

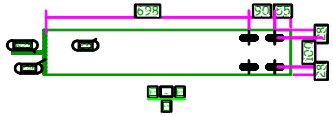
same comment as
39M-0407-ACC-6O11A-DWG-50023-A

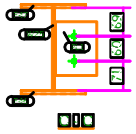
-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

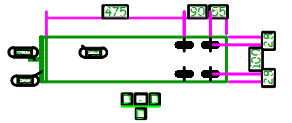
GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B4 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F13	PL8*155	ST-52	1	821	0.3	8.0
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F31	PL8*155	ST-52	1	841	0.3	8.2
F46	PL8*155	ST-52	1	780	0.3	7.6
F47	PL8*155	ST-52	1	784	0.3	7.6
PL1	FLT6*100	ST-52	5	130	0.1	3.1
W9	FLT6*200	ST-52	1	840	0.3	7.8
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W24	FLT6*200	ST-52	1	619	0.2	5.6
W25	FLT6*200	ST-52	1	780	0.3	7.3
				Total	6.1	164.5









2 Nos. FLANGE REQUIRED AS DRAWN MARKED B4

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR.PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR.PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR.PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR.PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR.PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50023	A

Tekla structures

GRID LOCATION	
B5	1-2/<A
B5	1-2/B>
B5	5-6/<A
B5	5-6/B>

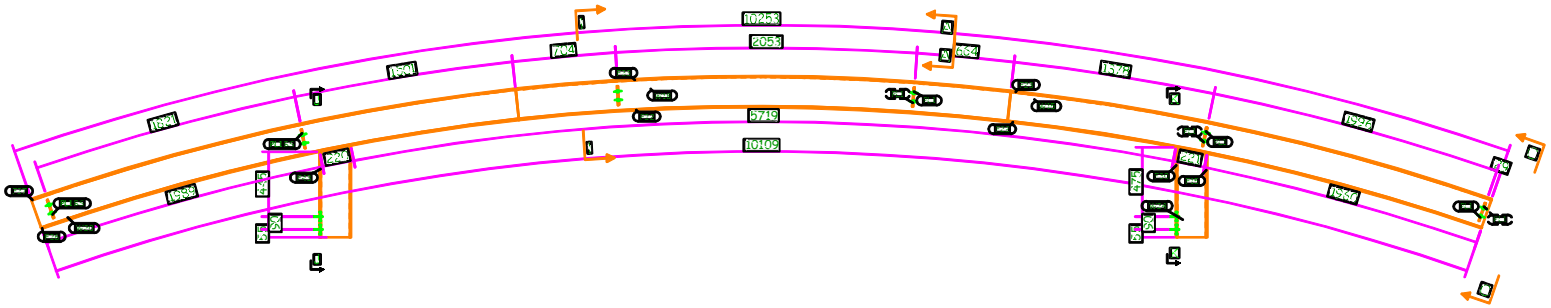
REVIEWED WITH COMMENT
MONORAI

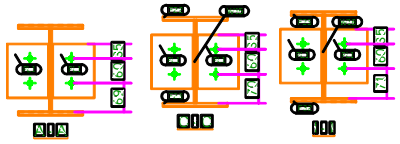
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

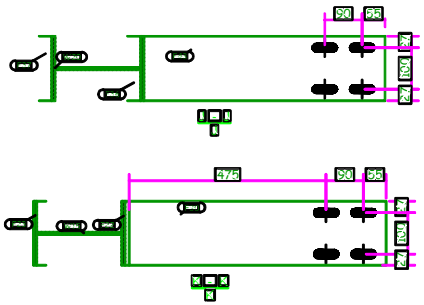
-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B5 8 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST - 52	1	580	0.2	5.6
F22	PL8*155	ST - 52	1	3356	1.1	32.7
F23	PL8*155	ST - 52	1	3402	1.1	33.1
F30	PL8*155	ST - 52	1	620	0.2	6.0
F32	PL8*155	ST - 52	1	3374	1.1	32.8
F33	PL8*155	ST - 52	1	3418	1.1	33.3
F36	PL8*155	ST - 52	1	3381	1.1	32.9
F37	PL8*155	ST - 52	1	3430	1.1	33.4
F43	PL8*155	ST - 52	1	591	0.2	5.7
F48	PL8*155	ST - 52	1	634	0.2	6.2
PL1	FLT6*100	ST - 52	12	130	0.3	7.3
W15	FLT6*200	ST - 52	1	3379	1.4	31.8
W18	FLT6*200	ST - 52	1	3397	1.4	32.0
W20	FLT6*200	ST - 52	1	3406	1.4	32.1
W24	FLT6*200	ST - 52	1	619	0.2	5.6
W26	FLT6*200	ST - 52	1	633	0.3	5.8
				Total	12.5	336.4







8 Nos. WEB REQUIRED AS DRAWN MARKED B5

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTXX
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTXX
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTXX
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTXX
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTXX
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTXX
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50020	A

GRID LOCATION	
B6	<1/<A

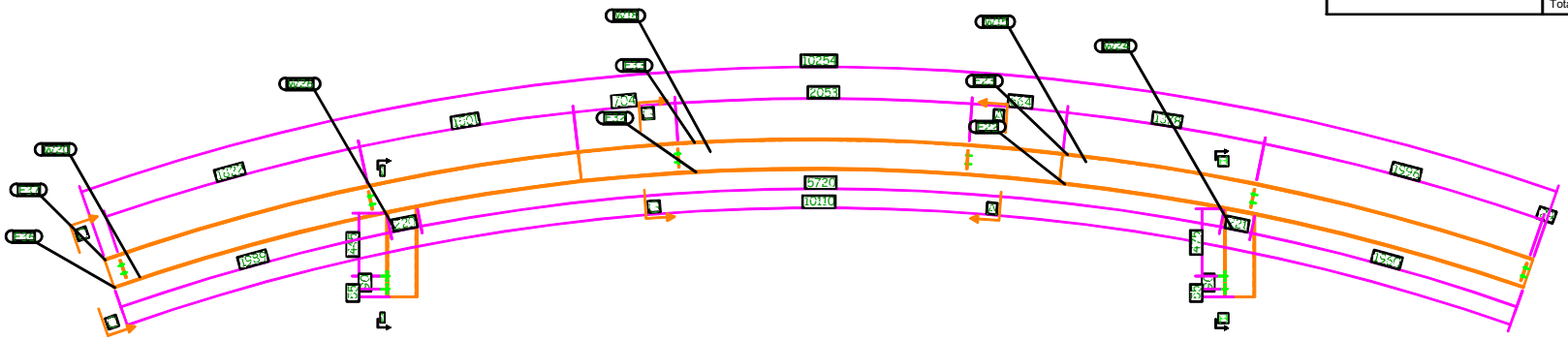
REVIEWED WITH COMMEN... MONORAILS PR...

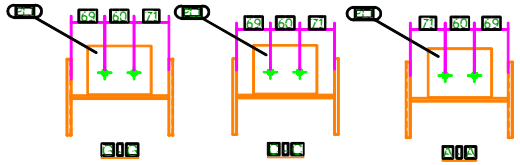
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

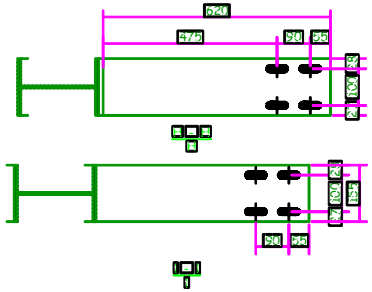
GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B6 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	6	130	0.2	3.7
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.3	332.7

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline







1 Nos. FLANGE REQUIRED AS DRAWN MARKED B6

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY; FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTXX
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTXX
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTXX
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTXX
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTXX
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTXX
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11A	DWG	50023	A

Tekla Structures

GRID LOCATION	
B7	1-2/<A
B7	1-2/B>
B7	5-6/<A
B7	5-6/B>

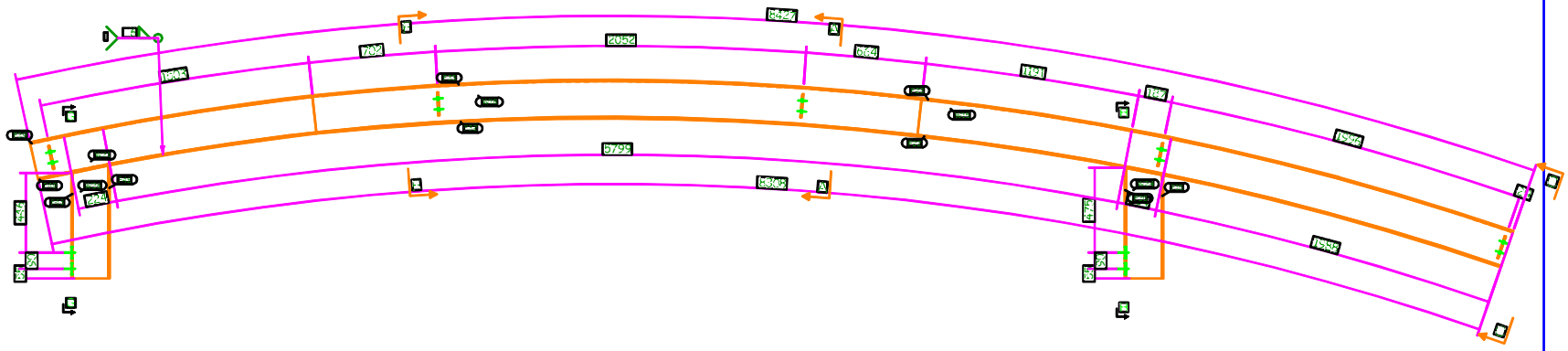
REVIEWED WITH COMMENT
MONORA

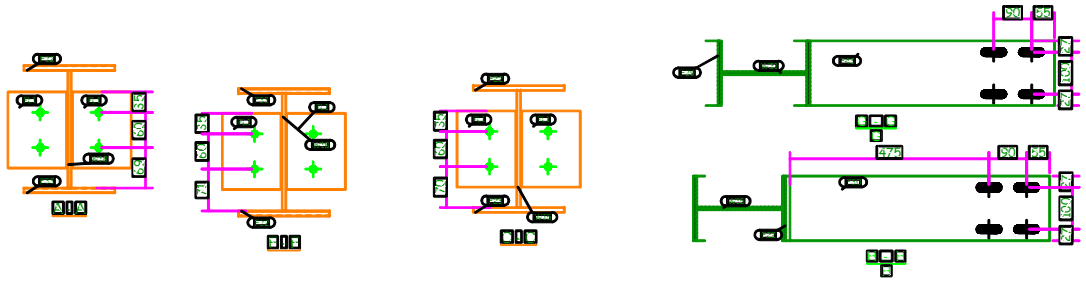
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B7 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F39	PL8*155	ST-52	1	1604	0.5	15.6
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
F49	PL8*155	ST-52	1	1581	0.5	15.4
PL1	FLT6*100	ST-52	10	130	0.3	6.1
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W21	FLT6*200	ST-52	1	1593	0.7	15.0
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	10.5	282.8





4 Nos. WEB REQUIRED AS DRAWN MARKED B7

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY; FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B DD-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B DD-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B DD-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B DD-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B DD-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B DD-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — BOMBARDIER / CRASCONSA (Main Contractor) — SHAKER / SENER (Structural Designer)

KEY PLAN:

SCALE DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

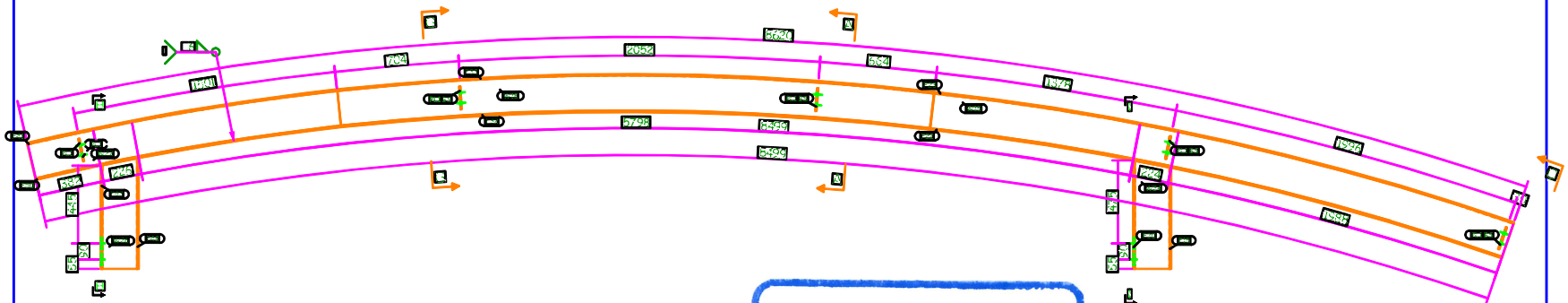
Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50122	A

GRID LOCATION	
B8	2/<A
B8	2/B>
B8	5/<A
B8	5/B>

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B8 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F41	PL8*155	ST-52	1	1798	0.6	17.5
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
F50	PL8*155	ST-52	1	1772	0.6	17.3
PL1	FLT6*100	ST-52	10	130	0.3	6.1
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W22	FLT6*200	ST-52	1	1786	0.7	16.8
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	10.7	288.4

same comment as
39M-0407-ACC-6O11A-DWG-50023-A



REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

4 Nos. WEB REQUIRED AS DRAWN MARKED B8

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Heavy Mechanical Vessels & Pressure

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Bombardier / Orascom (Main Contractor) — Shaker / Sener (Structural Designer)

KEY PLAN:

SCALE DRAWN DESIGNED DATE

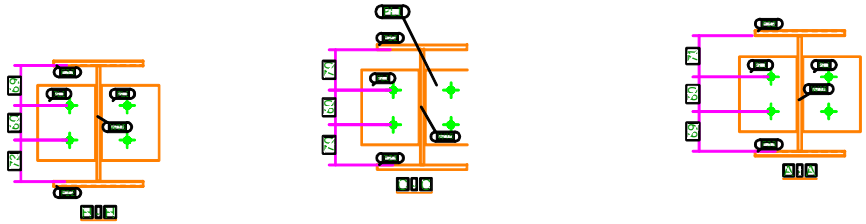
REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11A	DWG	50023	A

GRID LOCATION	
B9	2-3/<A
B9	4-5/B>



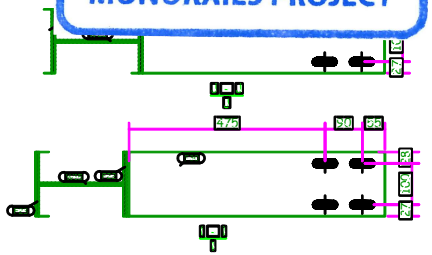
GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B9 2 Nos ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F41	PL8*155	ST-52	1	1799	0.6	17.5
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
F50	PL8*155	ST-52	1	1774	0.6	17.3
PL1	FLT6*100	ST-52	9	130	0.3	5.5
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W22	FLT6*200	ST-52	1	1787	0.7	16.8
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	10.7	287.8

same comment as
39M-0407-ACC-6O11A-DWG-50023-A

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



2 Nos. WEB REQUIRED AS DRAWN MARKED B9

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DESIGNED: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50024	A

GRID LOCATION	
B10	2-3/<A
B10	4-5/B>

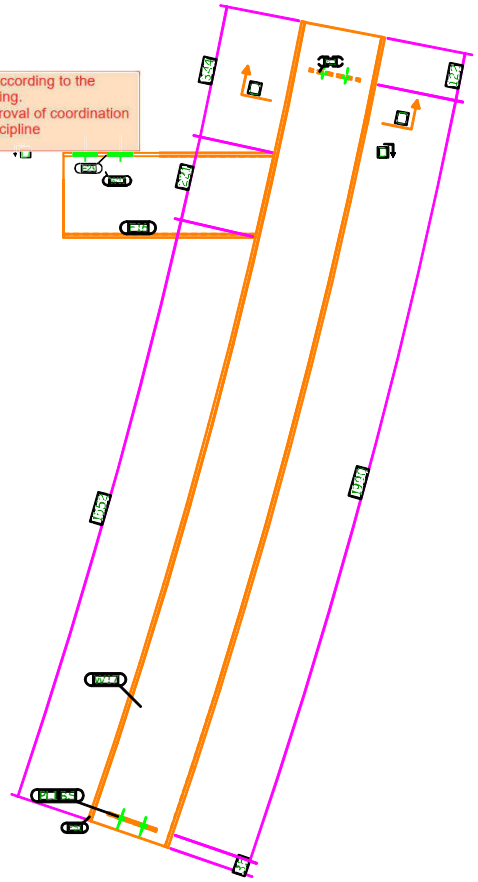
REVIEWED WITH COMMENT
MONORAILS PROJECT

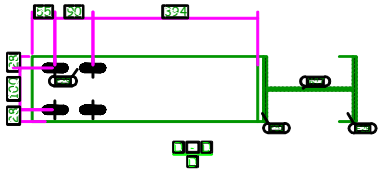
GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B10 2 Nos. ROD

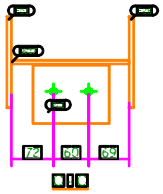
Mark	Profile	Material	No.	Length	Area	Weight
F16	PL8*155	ST-52	1	492	0.2	4.8
F28	PL8*155	ST-52	1	2146	0.7	20.9
F29	PL8*155	ST-52	1	539	0.2	5.2
F51	PL8*155	ST-52	1	2118	0.7	20.6
PL1	FLT6*100	ST-52	3	130	0.1	1.8
W11	FLT6*200	ST-52	1	537	0.2	4.8
W17	FLT6*200	ST-52	1	2132	0.9	20.1
				Total	2.9	78.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

same comment as
39M-0407-ACC-6O11A-DWG-50023-A







2 Nos. FLANGE REQUIRED AS DRAWN MARKED B10

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mahmoud Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B DD-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B DD-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B DD-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B DD-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B DD-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B DD-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — CRASCONSA / BOMBARDIER (Main Contractor) — SHAKER / SENER (Structural Designer)

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: NONE PROJECTION: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50125	A

GRID LOCATION	
B11	2-3/<A
B11	4-5/B>

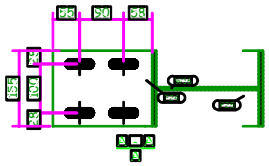
REVIEWED WITH COMMENT
MONORAILS PROJECT

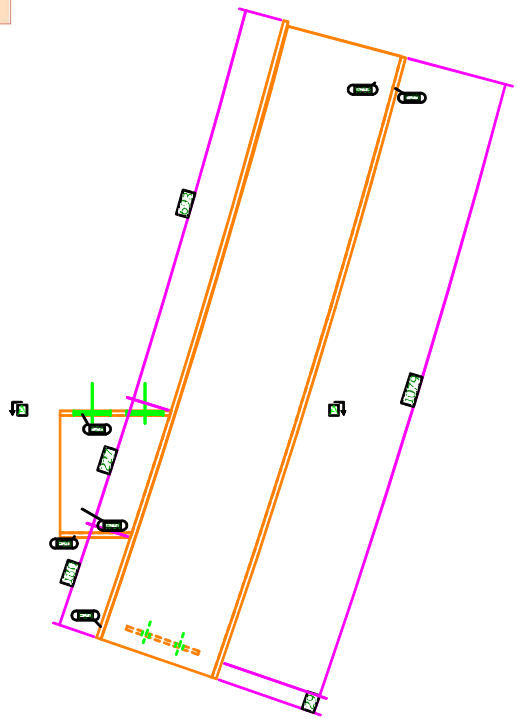
GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B11 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F20	PL8*122.8	ST-52	1	155	0.0	1.2
F24	PL8*155	ST-52	1	1100	0.4	10.7
F25	PL8*155	ST-52	1	1108	0.4	10.8
F26	PL8*155	ST-52	1	190	0.1	1.8
PL1	FLT6*100	ST-52	1	130	0.0	0.6
W14	FLT6*200	ST-52	1	188	0.1	1.5
W16	FLT6*200	ST-52	1	1100	0.5	10.4
				Total	1.4	37.0

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

same comment as 39M-0407-ACC-6O11A-DWG-50023-A





2 Nos. FLANGE REQUIRED AS DRAWN MARKED B11

Talla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

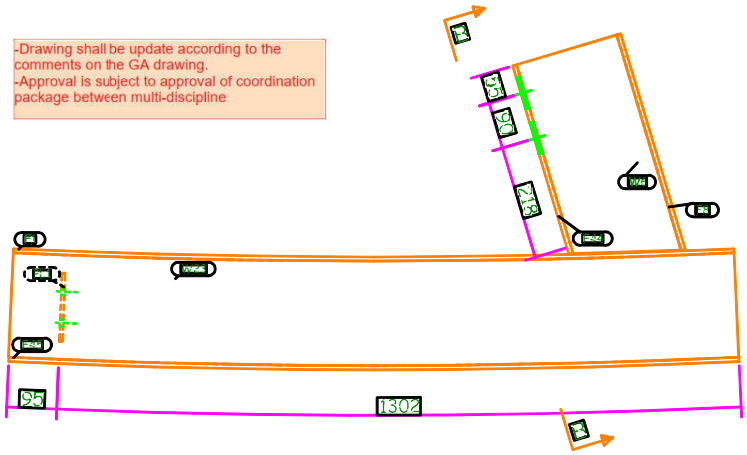
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50026	A

GRID LOCATION	
B12	1-2/B>
B12	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

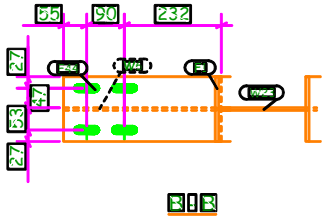
-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B12 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F1	PL8*155	ST-52	1	1379	0.5	13.4
F8	PL8*155	ST-52	1	432	0.1	4.2
F44	PL8*155	ST-52	1	377	0.1	3.7
F45	PL8*155	ST-52	1	1397	0.5	13.6
PL1	FLT6*100	ST-52	1	130	0.0	0.6
W6	FLT6*200	ST-52	1	430	0.2	3.8
W23	FLT6*200	ST-52	1	1388	0.6	13.1
				Total	1.9	52.4

same comment as
39M-0407-ACC-6O11A-DWG-50023-A



2 Nos. FLANGE REQUIRED AS DRAWN MARKED B12

Tekla structures

GENERAL NOTES:

REFERENCE DRAWINGS

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International Consultant — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DESIGNED DRAWN DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50227	A

GRID LOCATION	
B13	2-3/B>
B13	4-5/<A

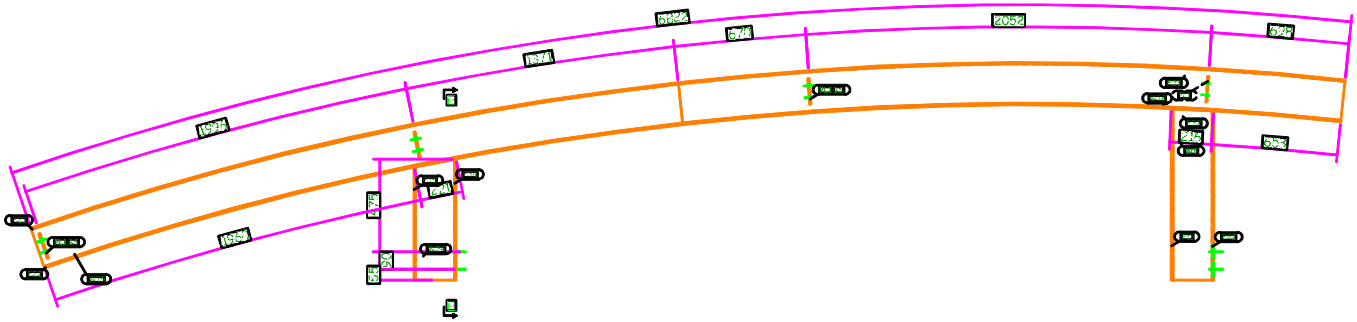
REVIEWED WITH CO MONOR

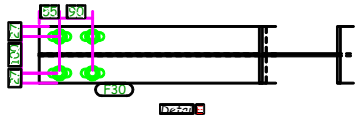
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B13 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F11	PL8*155	ST-52	1	877	0.3	8.5
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F42	PL8*155	ST-52	1	866	0.3	8.4
PL1	FLT6*100	ST-52	7	130	0.2	4.3
W8	FLT6*200	ST-52	1	876	0.4	8.2
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W24	FLT6*200	ST-52	1	619	0.2	5.6
				Total	9.0	242.5

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline





2 Nos. FLANGE REQUIRED AS DRAWN MARKED B13

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Holding Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1_B_00-STR.PTA
2	39M-0407-SEN-000PW-ENG-53393-2_B_00-STR.PTA
3	39M-0407-SEN-000PW-ENG-53393-3_B_00-STR.PTA
4	39M-0407-SEN-000PW-ENG-53393-4_B_00-STR.PTA
5	39M-0407-SEN-000PW-ENG-53393-5_B_00-STR.PTA
6	39M-0407-SEN-000PW-ENG-53393-6_B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50228	A

GRID LOCATION	
B14	2-3/B>
B14	4-5/<A

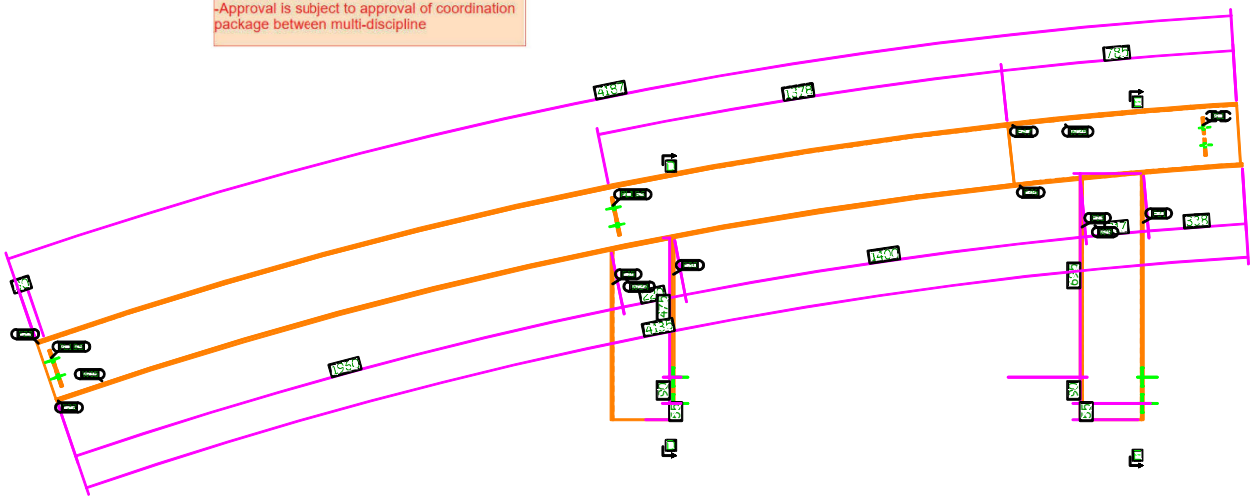
REVIEWED WITH COMME
MONORAILS PROJECT

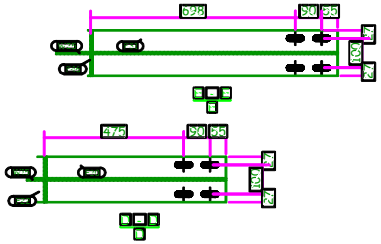
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B14 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F13	PL8*155	ST-52	1	821	0.3	8.0
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F31	PL8*155	ST-52	1	841	0.3	8.2
F46	PL8*155	ST-52	1	780	0.3	7.6
F47	PL8*155	ST-52	1	784	0.3	7.6
PL1	FLT6*100	ST-52	5	130	0.1	3.1
W9	FLT6*200	ST-52	1	840	0.3	7.8
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W24	FLT6*200	ST-52	1	619	0.2	5.6
W25	FLT6*200	ST-52	1	780	0.3	7.3
				Total	6.1	164.5





2 Nos. FLANGE REQUIRED AS DRAWN MARKED B14

Tekla structures

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY; FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1_B_00-STR.PTA
2	39M-0407-SEN-000PW-ENG-53393-2_B_00-STR.PTA
3	39M-0407-SEN-000PW-ENG-53393-3_B_00-STR.PTA
4	39M-0407-SEN-000PW-ENG-53393-4_B_00-STR.PTA
5	39M-0407-SEN-000PW-ENG-53393-5_B_00-STR.PTA
6	39M-0407-SEN-000PW-ENG-53393-6_B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — CRASCONSA / BOMBARDIER (Main Contractor) — SHAKER / SENER (Structural Designer)

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11A	DWG	50023	A

GRID LOCATION	
B15	<1/B>

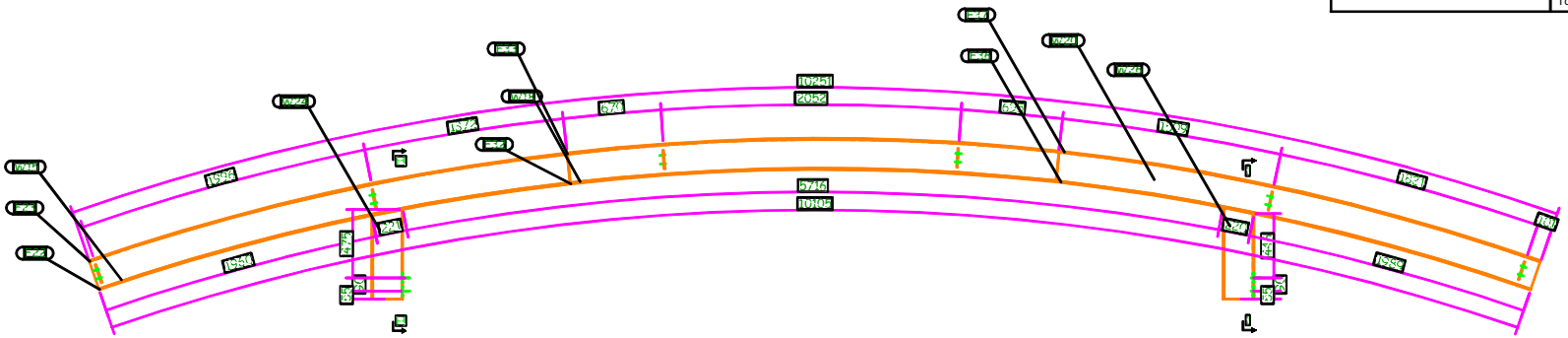
REVIEWED WITH COMMENT
MONORA

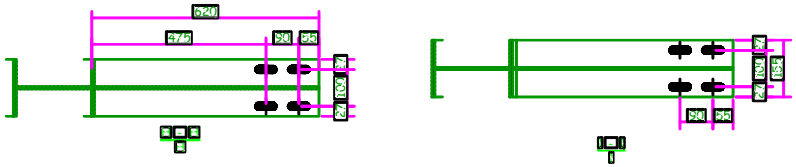
same comment as
39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B15 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	6	130	0.2	3.7
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.3	332.7





1 Nos. FLANGE REQUIRED AS DRAWN MARKED B15

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTXX
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTXX
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTXX
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTXX
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTXX
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTXX
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor (CRASCONSA / BOMBARDIER) — Structural Designer (SHAKER / SENER)

KEY PLAN:

SCALE DESCRIPTION DATE

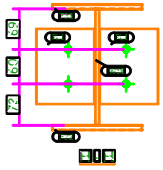
REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

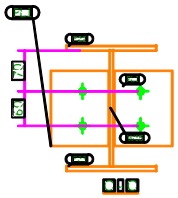
6 October Monorail
Engineering Unit
Valid For Construction

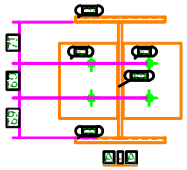
DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50023	A

GRID LOCATION	
B16	2-3/B>
B16	4-5/<A



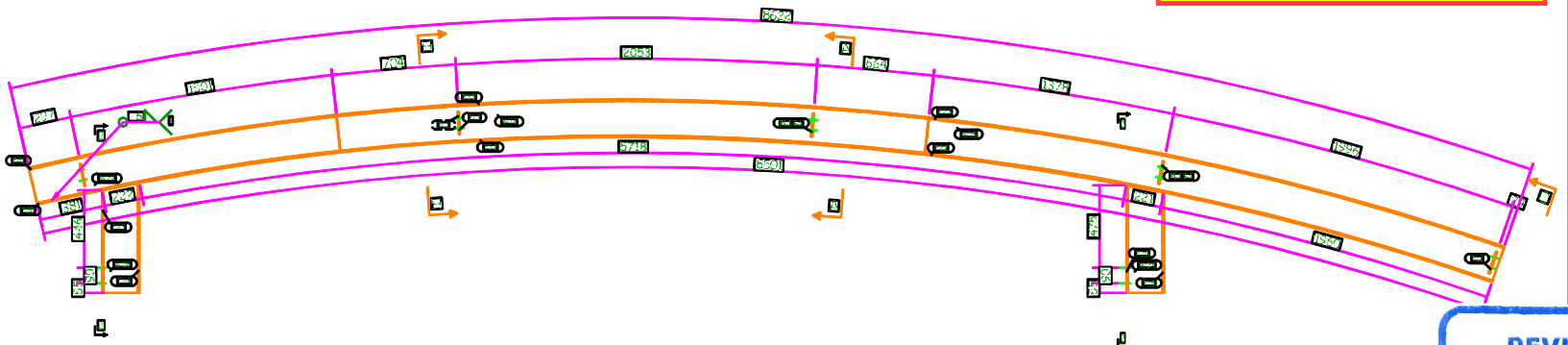


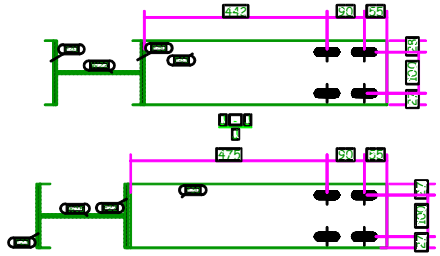


GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B16 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F41	PL8*155	ST-52	1	1799	0.6	17.5
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
F50	PL8*155	ST-52	1	1774	0.6	17.3
PL1	FLT6*100	ST-52	9	130	0.3	5.5
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W22	FLT6*200	ST-52	1	1787	0.7	16.8
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	10.7	287.8

same comment as
39M-0407-ACC-6O11A-DWG-50023-A





2 Nos. WEB REQUIRED AS DRAWN MARKED B16

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE | DRAWN | DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50023	A

GRID LOCATION	
B17	2-3/B>
B17	4-5/<A

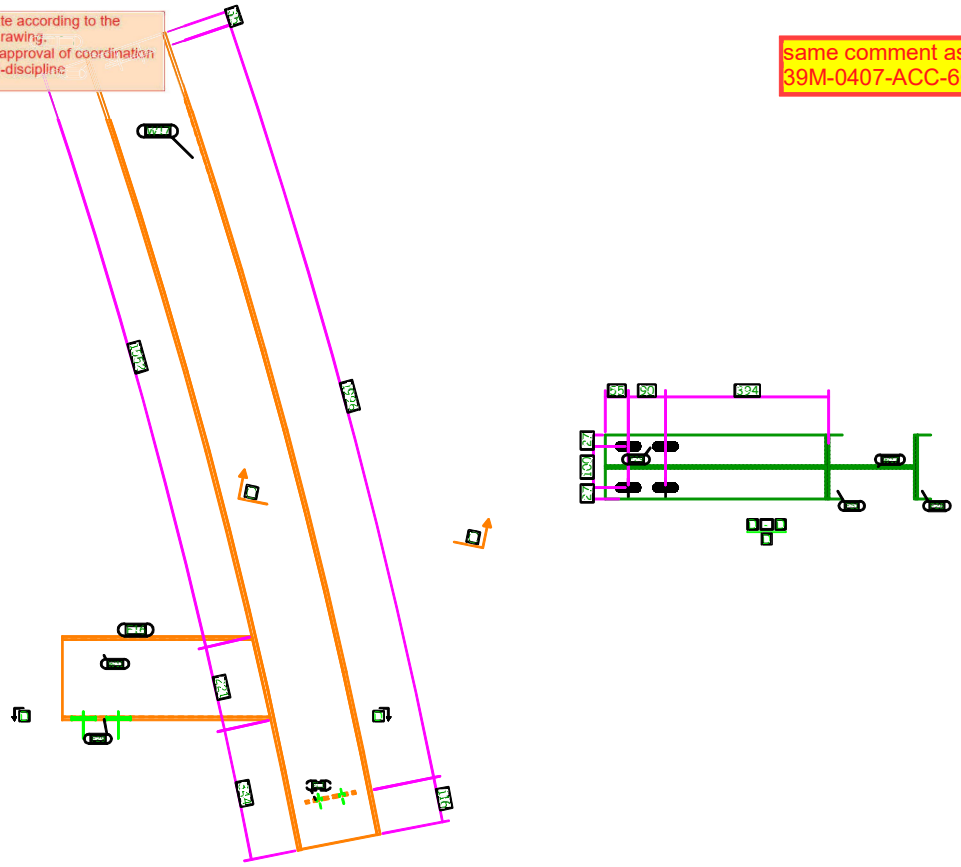
REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B17 2 Nos. ROD

Mark	Profile	Material	No	Length	Area	Weight
F16	PL8*155	ST-52	1	492	0.2	4.8
F28	PL8*155	ST-52	1	2146	0.7	20.9
F29	PL8*155	ST-52	1	539	0.2	5.2
F51	PL8*155	ST-52	1	2118	0.7	20.6
PL1	FLT6*100	ST-52	3	130	0.1	1.8
W11	FLT6*200	ST-52	1	537	0.2	4.8
W17	FLT6*200	ST-52	1	2132	0.9	20.1
				Total	2.9	78.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

same comment as
39M-0407-ACC-6O11A-DWG-50023-A



2 Nos. FLANGE REQUIRED AS DRAWN MARKED B17

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR.PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR.PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR.PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR.PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR.PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: DRAWN: DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50132	A

GRID LOCATION	
B18	2-3/B>
B18	4-5/<A

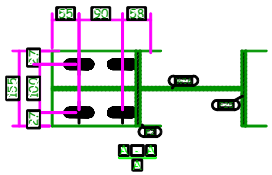
REVIEWED WITH COMMENT
MONORAILS PROJECT

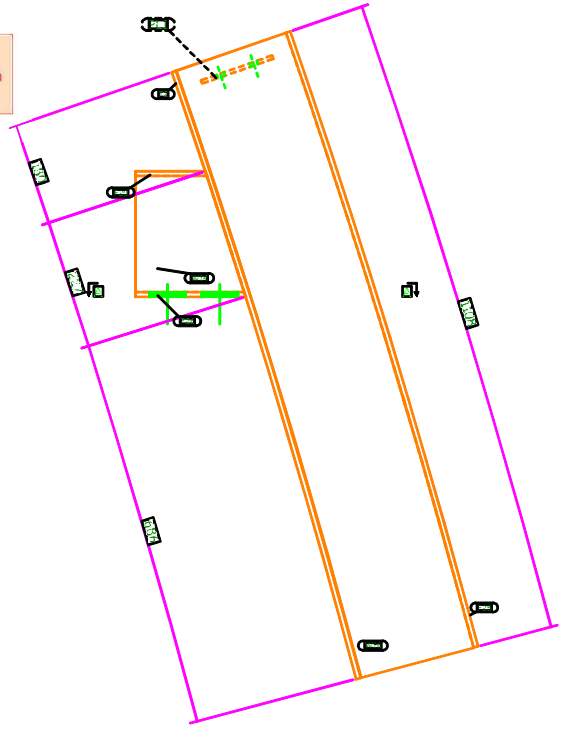
GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B18 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
F2	PL8*155	ST-52	1	1093	0.4	10.6
F20	PL8*122.8	ST-52	1	155	0.0	1.2
F25	PL8*155	ST-52	1	1108	0.4	10.8
F26	PL8*155	ST-52	1	190	0.1	1.8
PL1	FLT6*100	ST-52	1	130	0.0	0.6
W14	FLT6*200	ST-52	1	188	0.1	1.5
W16	FLT6*200	ST-52	1	1100	0.5	10.4
				Total	1.4	36.9

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

same comment as
39M-0407-ACC-6O11A-DWG-50023-A





2 Nos. FLANGE REQUIRED AS DRAWN MARKED B18

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hatem Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1_B_00-STR.PTA
2	39M-0407-SEN-000PW-ENG-53393-2_B_00-STR.PTA
3	39M-0407-SEN-000PW-ENG-53393-3_B_00-STR.PTA
4	39M-0407-SEN-000PW-ENG-53393-4_B_00-STR.PTA
5	39M-0407-SEN-000PW-ENG-53393-5_B_00-STR.PTA
6	39M-0407-SEN-000PW-ENG-53393-6_B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: NTS PROJECTION: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50023	A

GRID LOCATION	
B20	6>/B>

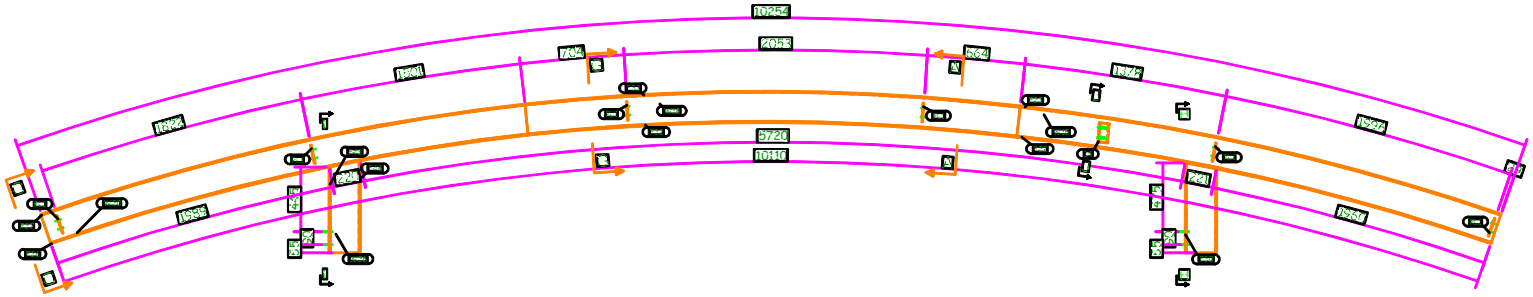
REVIEWED WITH CO MONORAIL PROJECT

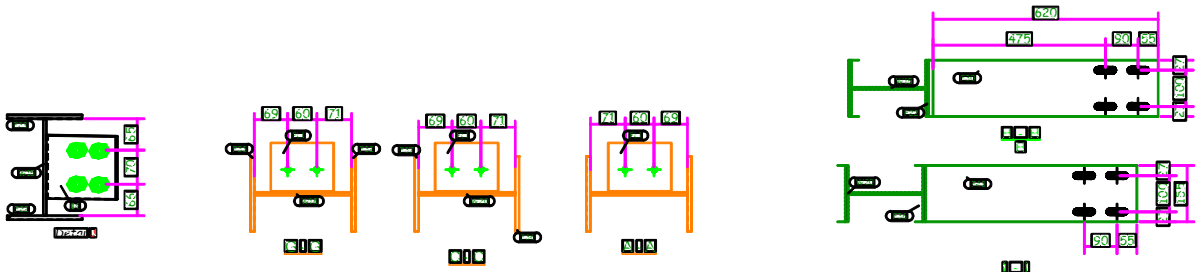
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B20 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
14	PL8*130.7	ST-52	1	159	0.0	1.3
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	6	130	0.2	3.7
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.4	334.0





1 Nos. FLANGE REQUIRED AS DRAWN MARKED B20

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hatem Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DATE
DRAWN DESIGNED

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADW	50023	A

GRID LOCATION	
B21	6>/<A

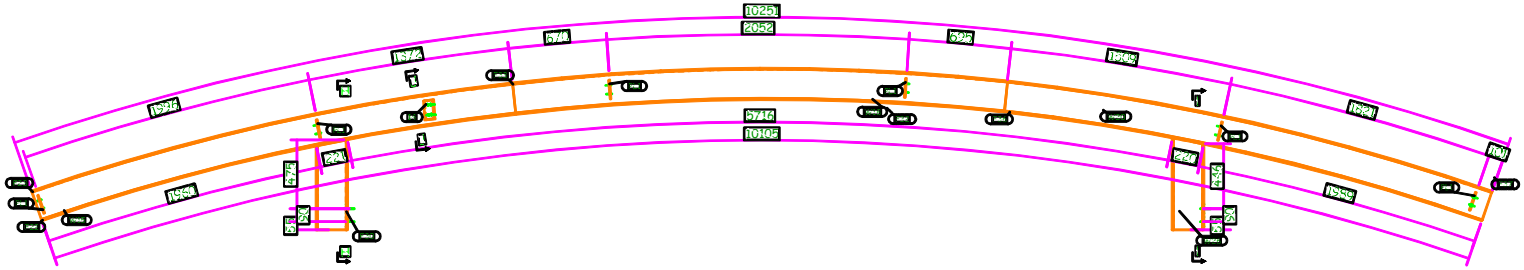
REVIEWED WITH COMM
MONORAILS

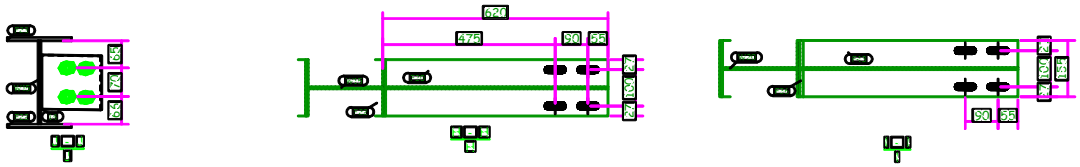
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B21 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
14	PL8*130.7	ST-52	1	159	0.0	1.3
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	6	130	0.2	3.7
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.4	334.0





1 Nos. FLANGE REQUIRED AS DRAWN MARKED B21

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY; FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor (Crascom / Bombardier) — Structural Designer (Shaker / Sener)

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11A	DWG	50023	A

Tekla structures

GRID LOCATION	
B22	5-6/B>

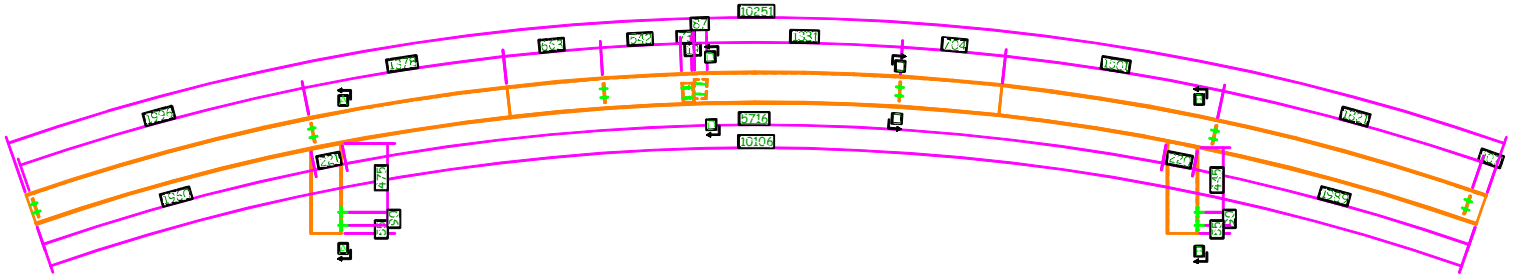
REVIEWED WITH COMM... MONORAILS PROJECT

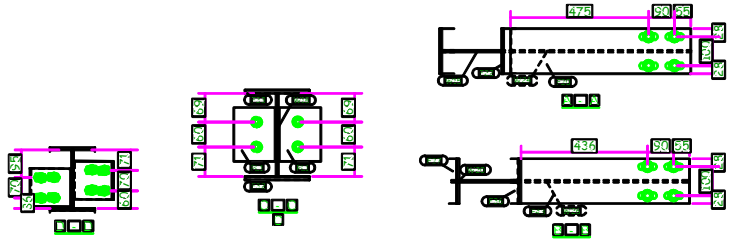
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B22 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
15	PL8*131.7	ST-52	2	162	0.1	2.6
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	12	130	0.3	7.3
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.6	339.0





1 Nos. FLANGE REQUIRED AS DRAWN MARKED B22

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY; FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B DD-STR-PTA
2	39M-0407-SEN-000PW-ENG-53393-2 B DD-STR-PTA
3	39M-0407-SEN-000PW-ENG-53393-3 B DD-STR-PTA
4	39M-0407-SEN-000PW-ENG-53393-4 B DD-STR-PTA
5	39M-0407-SEN-000PW-ENG-53393-5 B DD-STR-PTA
6	39M-0407-SEN-000PW-ENG-53393-6 B DD-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail Engineering Unit Valid For Construction

SCALE: DRAWN: DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	6O11	ADWG	50035	A

Tekla structures

GRID LOCATION	
B24	5-6/B>

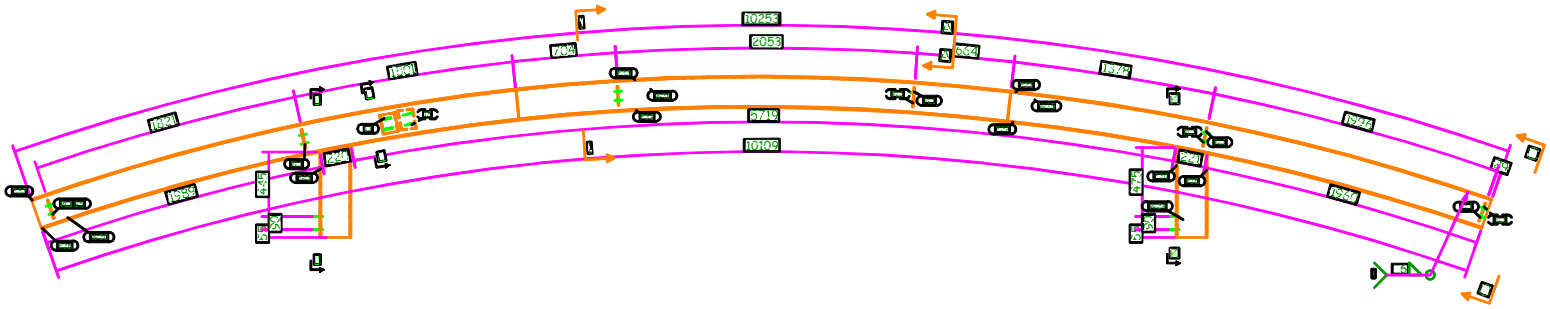
REVIEWED WITH COMMENT
MONORAIL

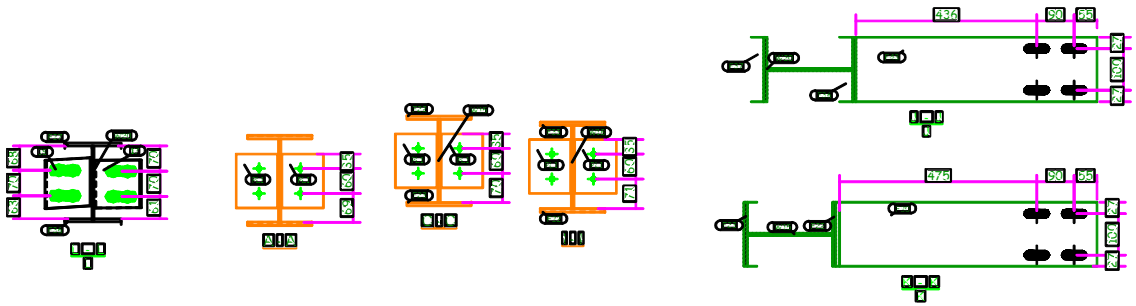
same comment as
39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B24 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
17	PL8*130.9	ST-52	1	163	0.0	1.3
18	PL8*133	ST-52	1	169	0.0	1.3
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	12	130	0.3	7.3
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.6	339.1





1 Nos. WEB REQUIRED AS DRAWN MARKED B24

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTXX
2	39M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTXX
3	39M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTXX
4	39M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTXX
5	39M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTXX
6	39M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTXX
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS PROJECTION: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11	ADWG	50023	A

GRID LOCATION	
B25	5-6/<A

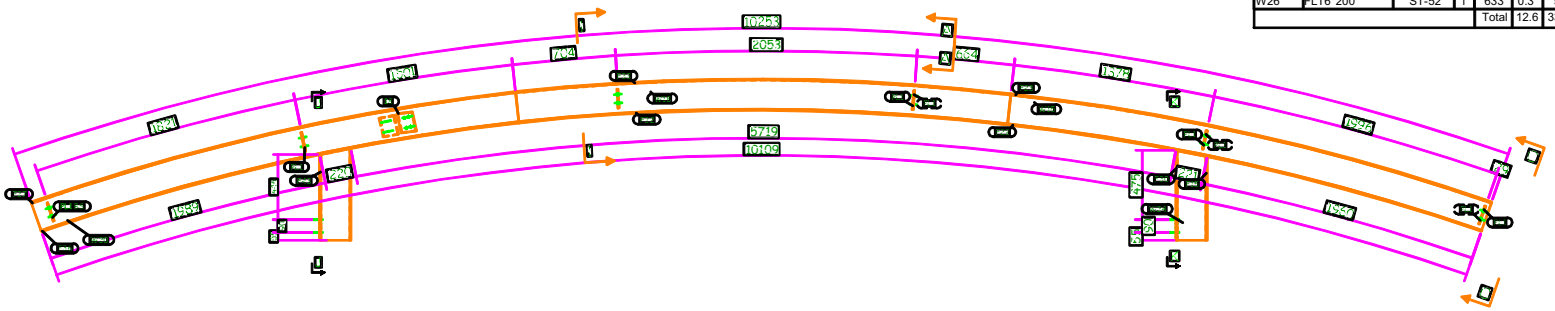
REVIEWED WITH COMME... MONORAILS PROJECT

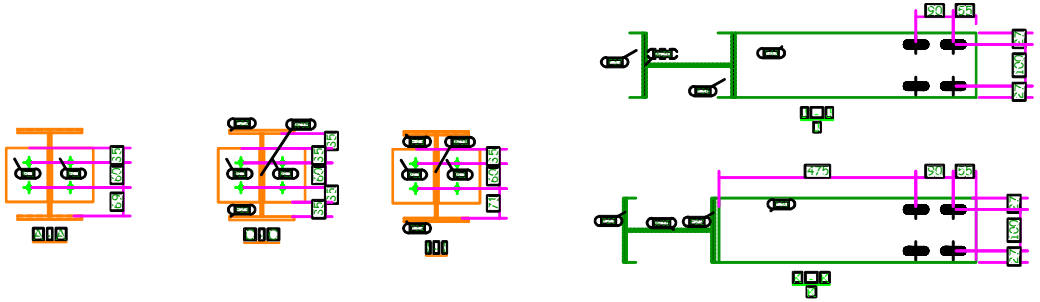
same comment as 39M-0407-ACC-6O11A-DWG-50023-A

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY B25 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
17	PL8*130.9	ST-52	1	163	0.0	1.3
18	PL8*133	ST-52	1	169	0.0	1.3
F15	PL8*155	ST-52	1	580	0.2	5.6
F22	PL8*155	ST-52	1	3356	1.1	32.7
F23	PL8*155	ST-52	1	3402	1.1	33.1
F30	PL8*155	ST-52	1	620	0.2	6.0
F32	PL8*155	ST-52	1	3374	1.1	32.8
F33	PL8*155	ST-52	1	3418	1.1	33.3
F36	PL8*155	ST-52	1	3381	1.1	32.9
F37	PL8*155	ST-52	1	3430	1.1	33.4
F43	PL8*155	ST-52	1	591	0.2	5.7
F48	PL8*155	ST-52	1	634	0.2	6.2
PL1	FLT6*100	ST-52	12	130	0.3	7.3
W15	FLT6*200	ST-52	1	3379	1.4	31.8
W18	FLT6*200	ST-52	1	3397	1.4	32.0
W20	FLT6*200	ST-52	1	3406	1.4	32.1
W24	FLT6*200	ST-52	1	619	0.2	5.6
W26	FLT6*200	ST-52	1	633	0.3	5.8
				Total	12.6	339.1





1 Nos. WEB REQUIRED AS DRAWN MARKED B25

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY; FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	39M-0407-SEN-000PW-ENG-53393_1_B_DD-STR-PTXX
2	39M-0407-SEN-000PW-ENG-53393_2_B_DD-STR-PTXX
3	39M-0407-SEN-000PW-ENG-53393_3_B_DD-STR-PTXX
4	39M-0407-SEN-000PW-ENG-53393_4_B_DD-STR-PTXX
5	39M-0407-SEN-000PW-ENG-53393_5_B_DD-STR-PTXX
6	39M-0407-SEN-000PW-ENG-53393_6_B_DD-STR-PTXX
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
39M	0407	ACC	6O11A	DWG	50038	A

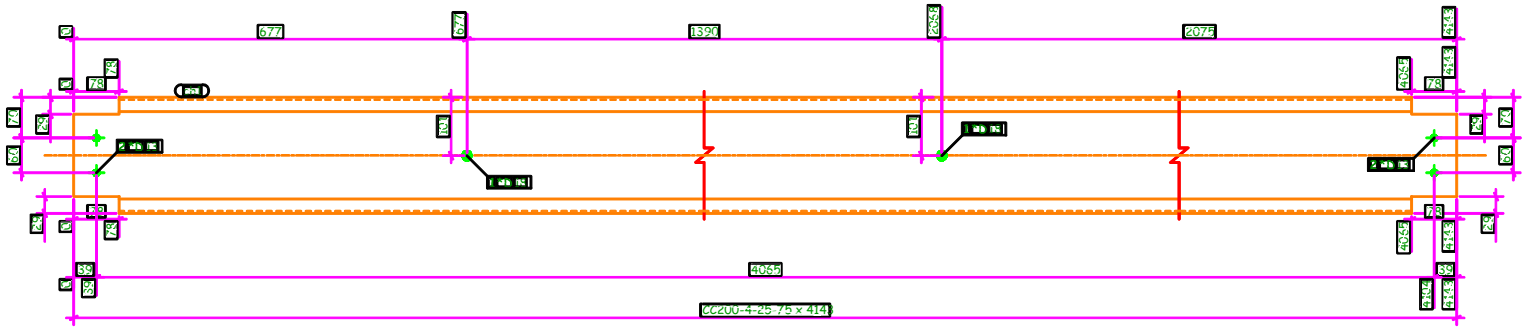
GRID LOCATION	
CH1	5-6>/<A
CH1	5-6>/B>
CH1	<1-2/<A
CH1	<1-2/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH1 8 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch1	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.1	48.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



8 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH1

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

SCALE: NTS DRAWING NO. DATE

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACC	611	ADW	53035	A

Tekla structures

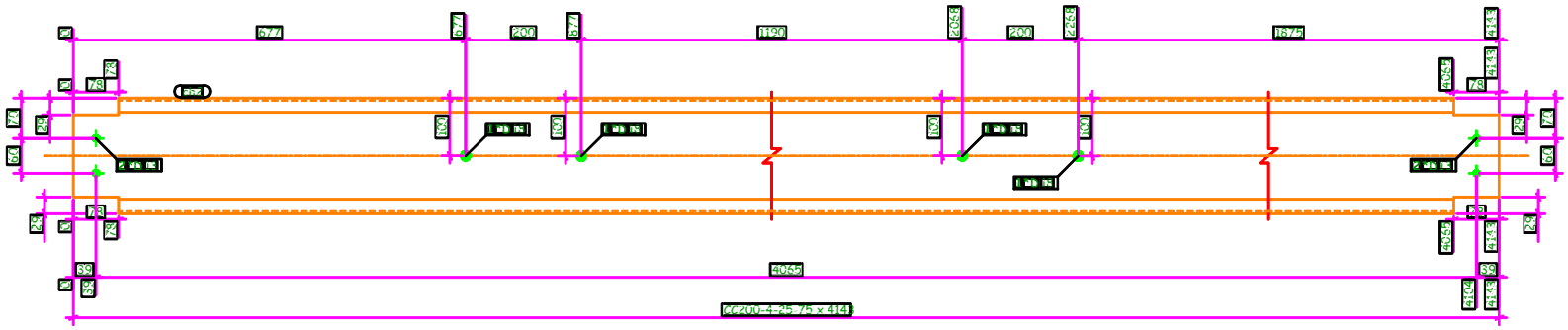
GRID LOCATION	
CH2	5-6>/<A
CH2	5-6>/B>
CH2	<1-2/<A
CH2	<1-2/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH2 14 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch2	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.1	48.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



14 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH2

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	611	ADW	530404	A

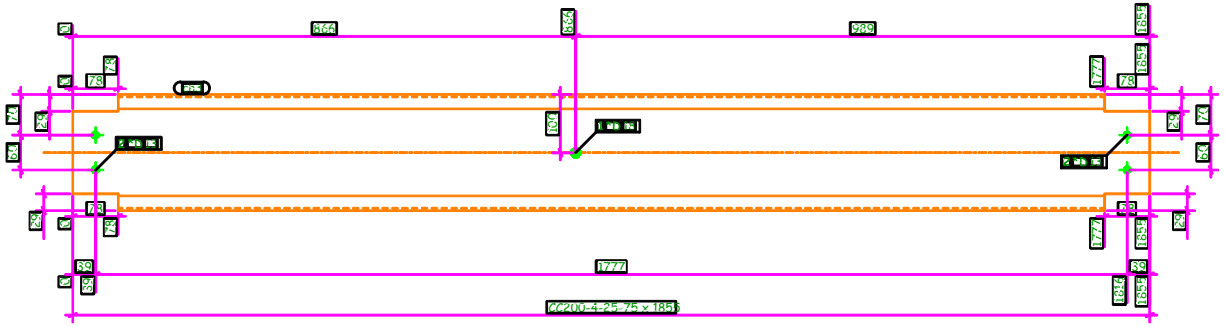
GRID LOCATION	
CH3	2-3/<A
CH3	2-3/B>
CH3	4-5/<A
CH3	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH3 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch3	CC200-4-25-75	ST-52	1	1855	1.4	21.2
				Total	1.4	21.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH3

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor: CRASCONSA / BOMBARDIER — Structural Designer: SHAKER / SENER

KEY PLAN:

SCALE: DRAWN: DESIGN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 0 0 4	1	A

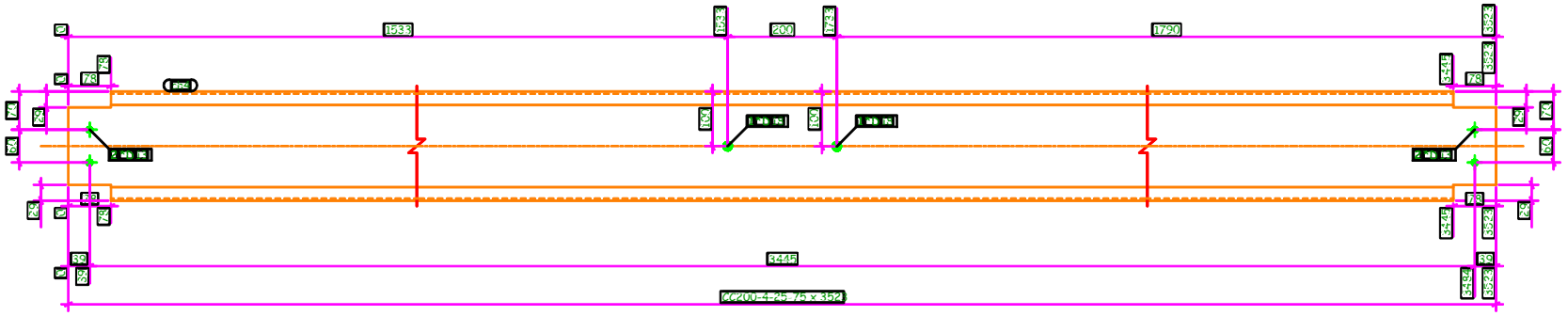
GRID LOCATION	
CH4	2-3/<A
CH4	2-3/B>
CH4	4-5/<A
CH4	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH4 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch4	CC200-4-25-75	ST-52	1	3523	2.7	41.3
				Total	2.7	41.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH4

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DATE
DRAWN PROJECTION

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CB	11	ADWG-501042	A

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

GRID LOCATION	
CH5	2-3/<A
CH5	2-3/B>
CH5	4-5/<A
CH5	4-5/B>

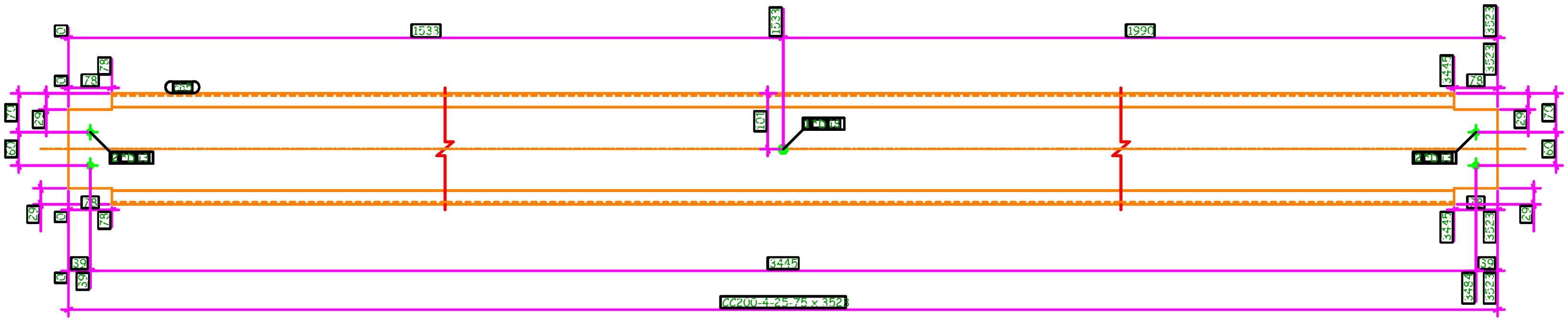
REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O

MATERIAL LIST FOR ASSEMBLY CH5 4 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch5	CC200-4-25-75	ST-52	1	3523	2.7	41.3
				Total	2.7	41.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH5

Tekla structures

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

ARCONS ARAB CONTRACTING COMPANY
FERROTECH Helmy Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-END-53393.1_B_DD.STR.PT3A
2	93M-0407-SEN-000PW-END-53393.2_B_DD.STR.PT3A
3	93M-0407-SEN-000PW-END-53393.3_B_DD.STR.PT3A
4	93M-0407-SEN-000PW-END-53393.4_B_DD.STR.PT3A
5	93M-0407-SEN-000PW-END-53393.5_B_DD.STR.PT3A
6	93M-0407-SEN-000PW-END-53393.6_B_DD.STR.PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority
Hill International — Consultant
ORASCOM / BOMBARDIER — Main Contractor
SHAKER / SENER — Structural Designer

KEY PLAN:

SCALE: AS SHOWN
SHOP DRAWING
DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
93M	0407	ACC	6O11A	DWG	50043	A

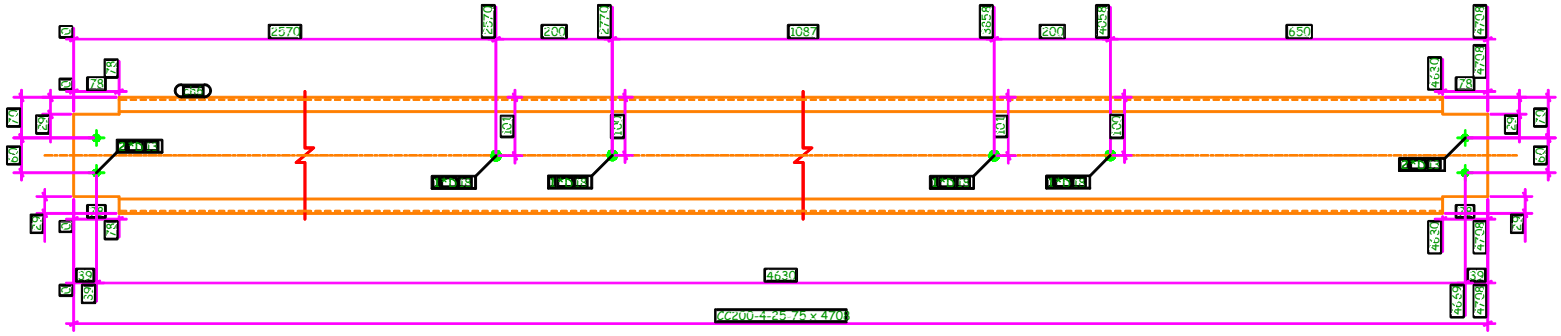
GRID LOCATION	
CH6	2-3/<A
CH6	2-3/B>
CH6	4-5/<A
CH6	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH6 8 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch6	CC200-4-25-75	ST-52	1	4708	3.6	55.6
				Total	3.6	55.6

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



8 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH6

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADW	530044	A

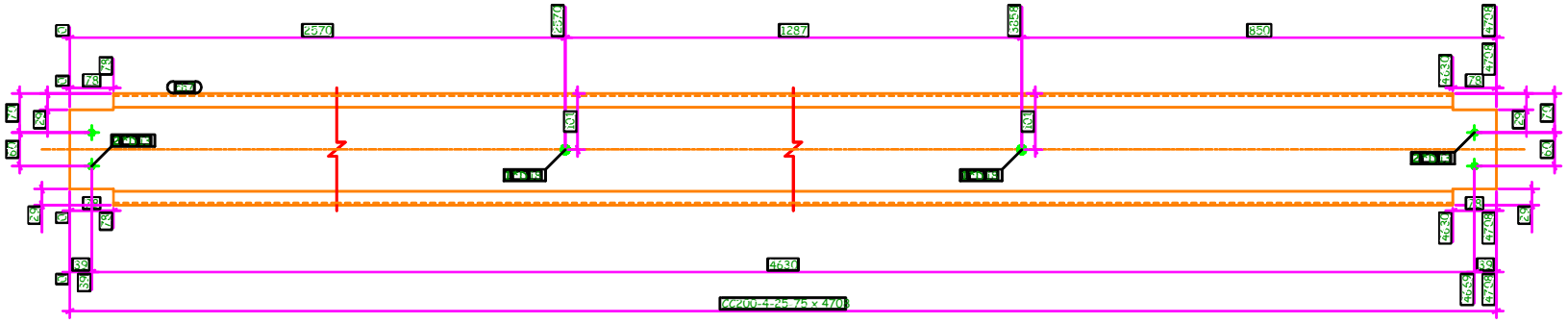
GRID LOCATION	
CH7	2-3/<A
CH7	2-3/B>
CH7	4-5/<A
CH7	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH7 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch7	CC200-4-25-75	ST-52	1	4708	3.6	55.6
				Total	3.6	55.6

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH7

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	EC	11	ADWG-53045 A

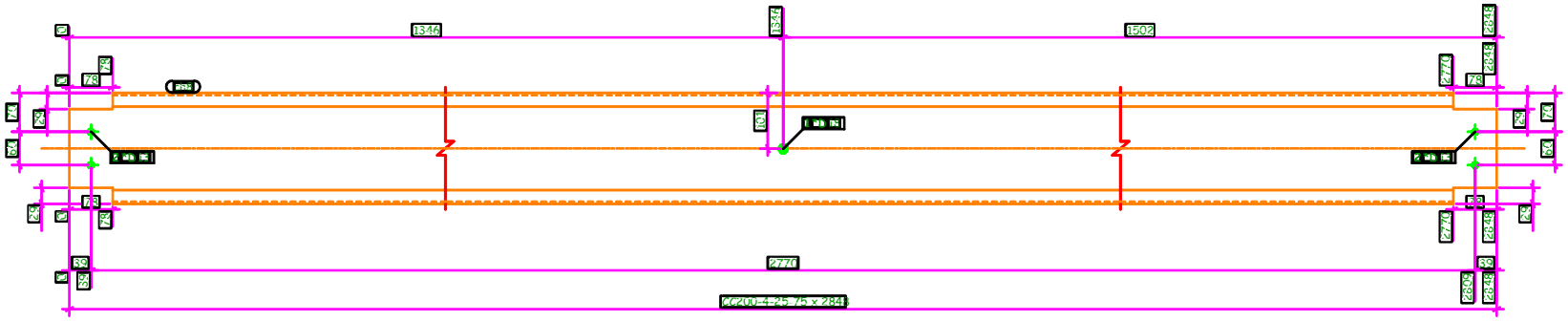
GRID LOCATION	
CH8	2-3/<A
CH8	2-3/B>
CH8	4-5/<A
CH8	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH8 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch8	CC200-4-25-75	ST-52	1	2848	2.1	33.2
				Total	2.1	33.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH8

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADWG	530046	A

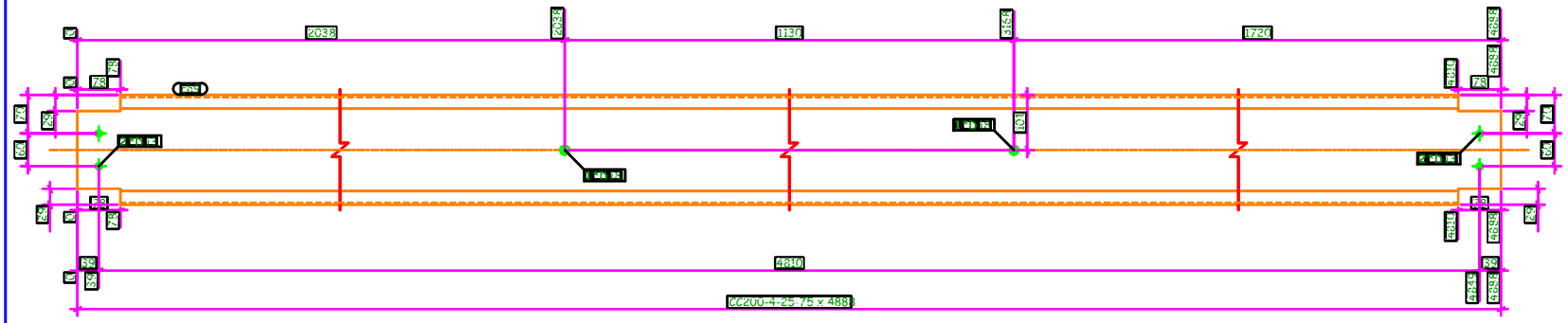
GRID LOCATION	
CH9	2-3/<A
CH9	2-3/B>
CH9	4-5/<A
CH9	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH9 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch9	CC200-4-25-75	ST-52	1	4888	3.7	57.8
				Total	3.7	57.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH9

Tekla Structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Holding Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	11	ADW	53043	A

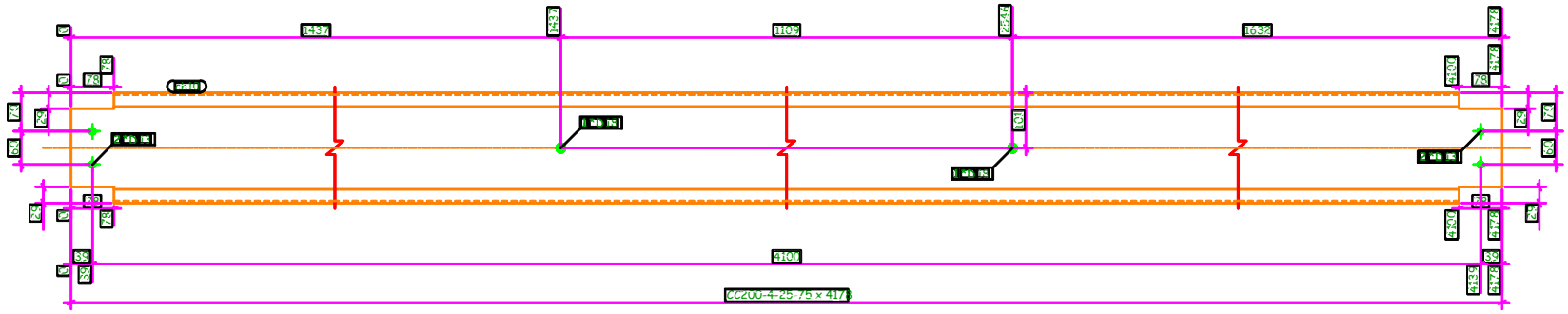
GRID LOCATION	
CH10	1-2/<A
CH10	1-2/B>
CH10	5-6/<A
CH10	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH10 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch10	CC200-4-25-75	ST-52	1	4178	3.2	49.2
				Total	3.2	49.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH10

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	111	ADW	53048	A

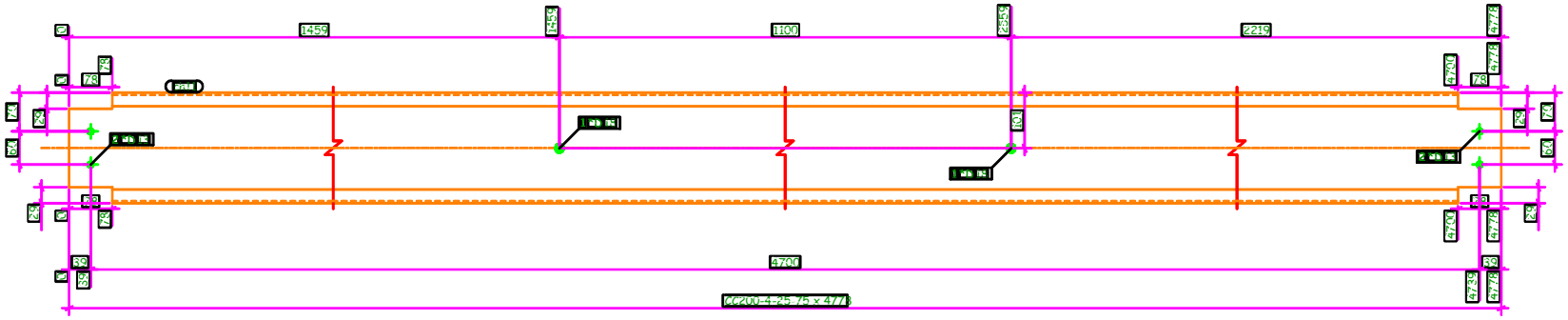
GRID LOCATION	
CH11	1-2/<A
CH11	1-2/B>
CH11	5-6/<A
CH11	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH11 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch11	CC200-4-25-75	ST-52	1	4778	3.6	56.4
				Total	3.6	56.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH11

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DATE
DRAWN CHECKED

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	11	ADW	53045	A

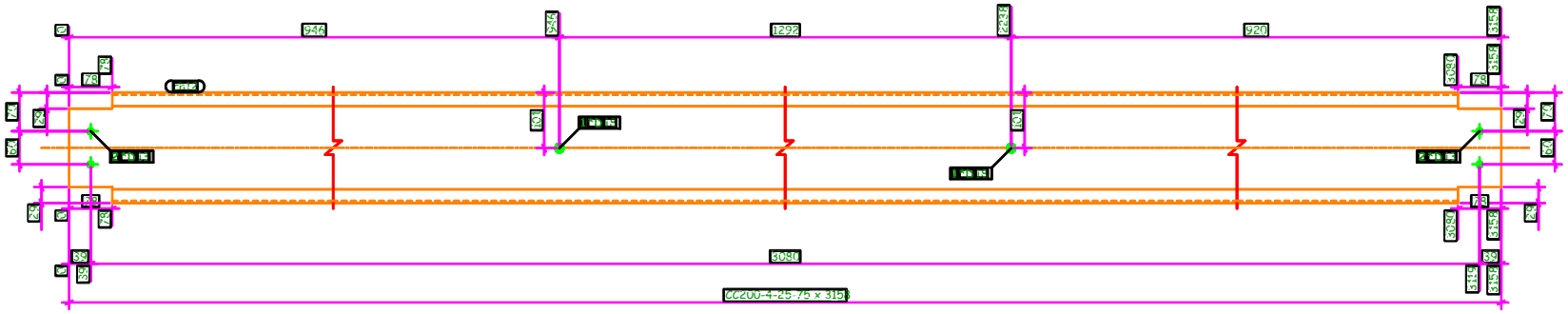
GRID LOCATION	
CH12	1-2/<A
CH12	1-2/B>
CH12	5-6/<A
CH12	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH12 6 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch12	CC200-4-25-75	ST-52	1	3158	2.4	36.9
				Total	2.4	36.9

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



6 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH12

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

SCALE: NTS DATE:

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACC	CEC	111	ADW	53050	A

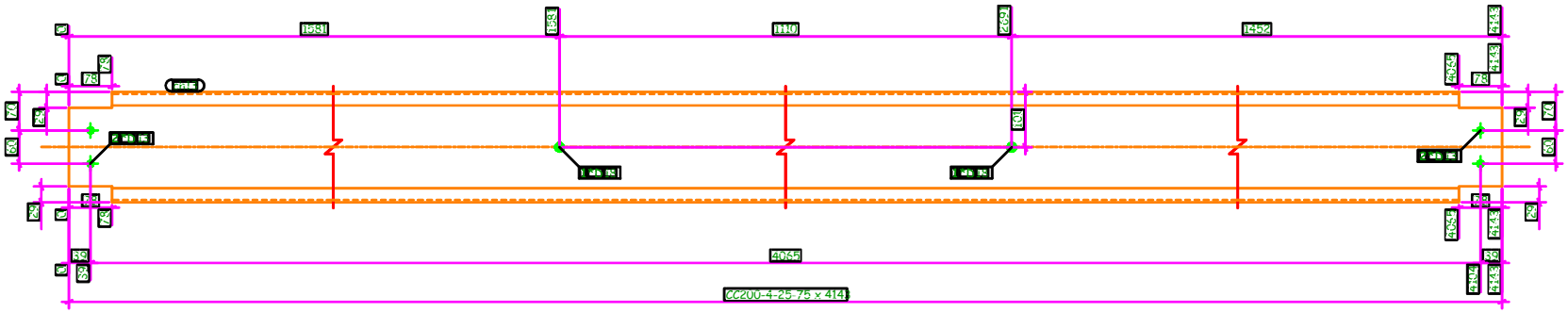
GRID LOCATION	
CH13	1-2/<A
CH13	1-2/B>
CH13	5-6/<A
CH13	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH13 8 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch13	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.1	48.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



8 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH13

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN BY DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	6C	11	ADWG	53051	A

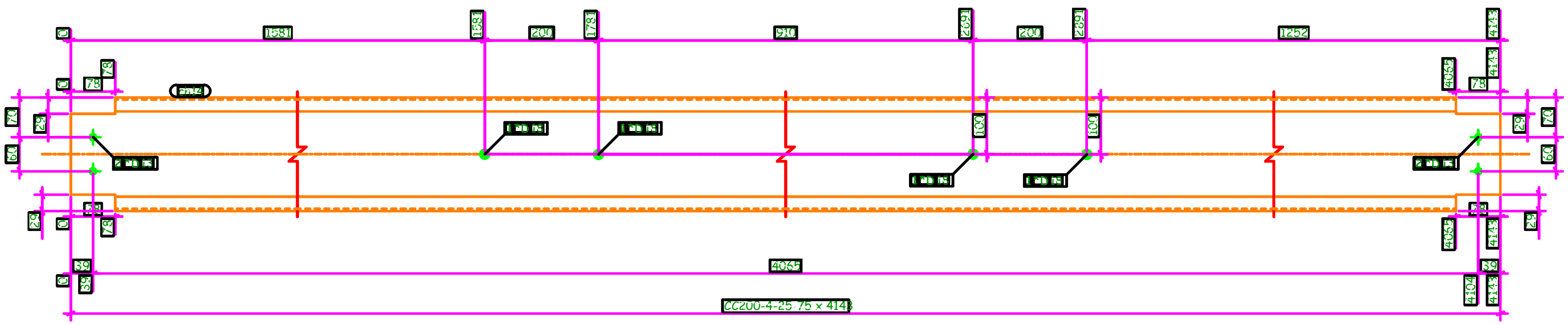
GRID LOCATION	
CH14	1-2/<A
CH14	1-2/B>
CH14	5-6/<A
CH14	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH14 14 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch14	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.1	48.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



14 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH14

Tekla structures

GENERAL NOTES:

ARCONS ARAB CONTRACTING COMPANY

FERROTECH Helmy Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-END-53393.1_B_DD.STR.PT3A
2	93M-0407-SEN-000PW-END-53393.2_B_DD.STR.PT3A
3	93M-0407-SEN-000PW-END-53393.3_B_DD.STR.PT3A
4	93M-0407-SEN-000PW-END-53393.4_B_DD.STR.PT3A
5	93M-0407-SEN-000PW-END-53393.5_B_DD.STR.PT3A
6	93M-0407-SEN-000PW-END-53393.6_B_DD.STR.PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Hill International Consultant | ORASCOM BOMBARDIER Main Contractor | SHAKER SENER Structural Designer

KEY PLAN:

6 October Monorail Engineering Unit
Valid For Construction

SCALE | DRAWN | DATE | CHECKED | APPROVED

REV | DATE | DSG. | CHK. | APP. | AMENDMENTS | STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code			Rubric			Initiator			Lot					Ref			Number					Revision
9	3	M	0	4	0	7	A	C	C	6	O	1	1	A	D	W	G	5	0	0	5	2	A

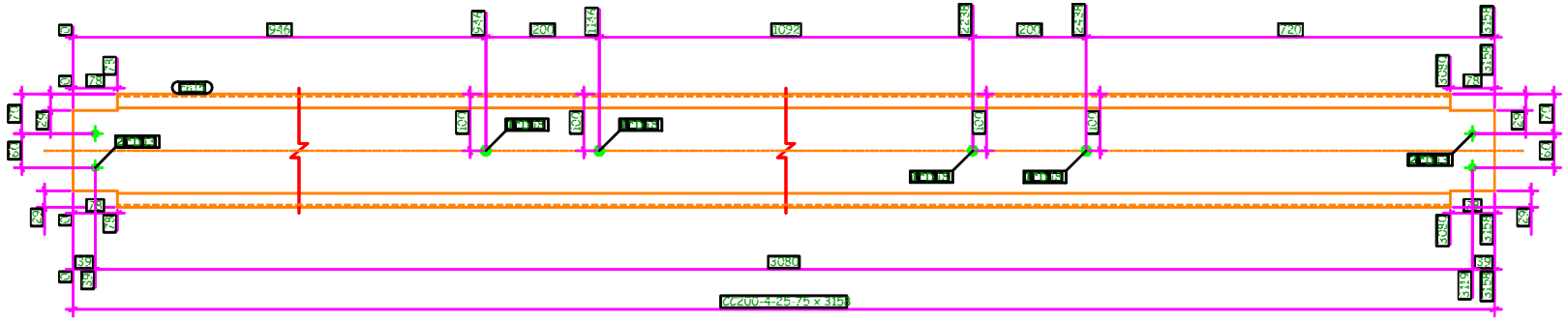
GRID LOCATION	
CH15	1-2/<A
CH15	1-2/B>
CH15	5-6/<A
CH15	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH15 14 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch15	CC200-4-25-75	ST-52	1	3158	2.4	36.9
				Total	2.4	36.9

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



14 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH15

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: DRAWN: DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	111	ADW	53055	A

GRID LOCATION	
CH16	1-2/<A
CH16	1-2/B>
CH16	5-6/<A
CH16	5-6/B>

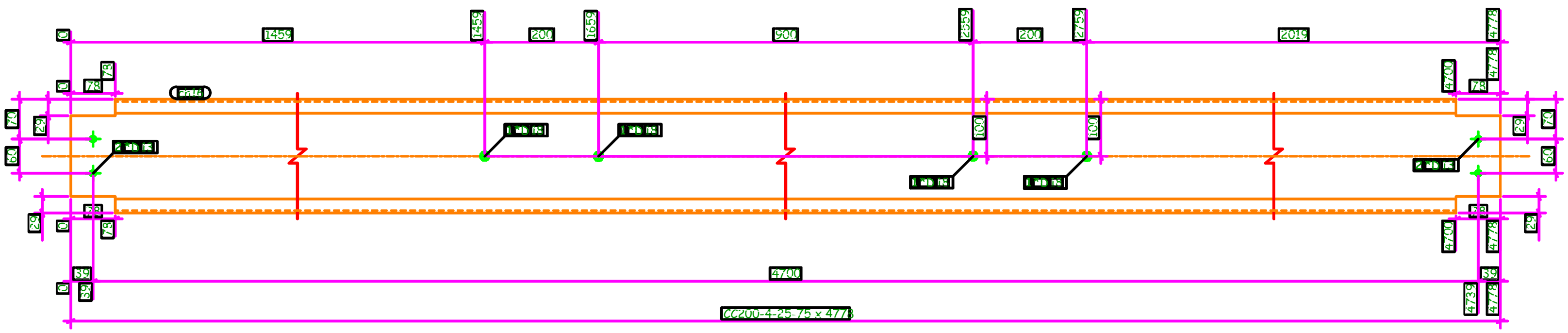
REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O

MATERIAL LIST FOR ASSEMBLY CH16 12 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch16	CC200-4-25-75	ST-52	1	4778	3.6	56.4
				Total	3.6	56.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



12 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH16

Tekla structures

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Hill International — Consultant | ORASCOM / BOMBARDIER — Main Contractor | SHAKER / SENER — Structural Designer

KEY PLAN:

SCALE: AS SHOWN | SHOP DRAWING | DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4	0 7 A	C C 6 O 1 1 A	D W G	5 0 0 5 4	A

GRID LOCATION	
CH17	1-2/<A
CH17	1-2/B>
CH17	5-6/<A
CH17	5-6/B>

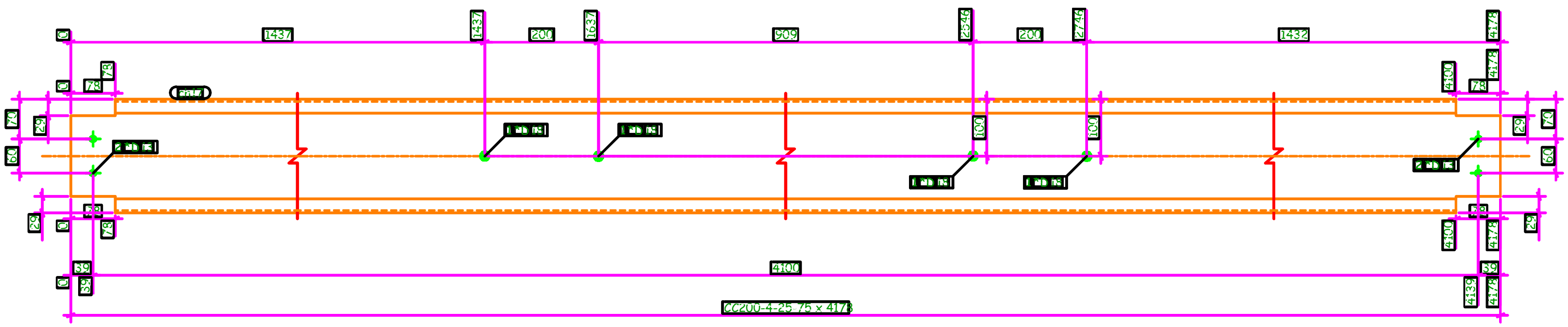
REVIEWED WITH COMMENT MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O

MATERIAL LIST FOR ASSEMBLY CH17 12 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch17	CC200-4-25-75	ST-52	1	4178	3.2	49.2
				Total	3.2	49.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



12 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH17

GENERAL NOTES:

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-END-53393.1_B_DD.STR.PT3A
2	93M-0407-SEN-000PW-END-53393.2_B_DD.STR.PT3A
3	93M-0407-SEN-000PW-END-53393.3_B_DD.STR.PT3A
4	93M-0407-SEN-000PW-END-53393.4_B_DD.STR.PT3A
5	93M-0407-SEN-000PW-END-53393.5_B_DD.STR.PT3A
6	93M-0407-SEN-000PW-END-53393.6_B_DD.STR.PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Hill International — Consultant | ORASCOM / BOMBARDIER — Main Contractor | SHAKER / SENER — Structural Designer

KEY PLAN:

6 October Monorail Engineering Unit Valid For Construction

SCALE | DATE

REV | DATE | DSG. | CHK. | APP. | AMENDMENTS | STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
93M	0407	ACC	6O11A	DWG	50055	A

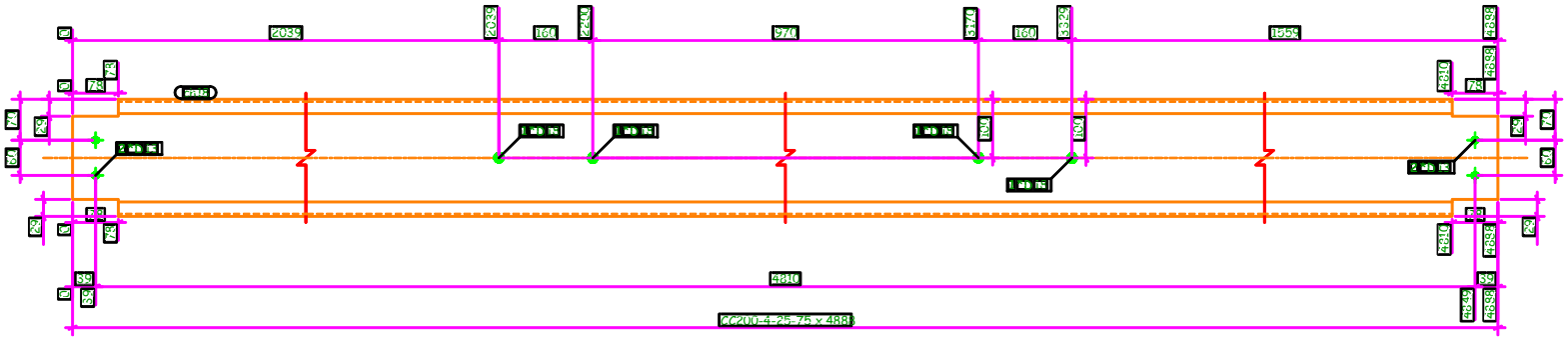
GRID LOCATION	
CH18	2-3/<A
CH18	2-3/B>
CH18	4-5/<A
CH18	4-5/B>

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH18 12 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch18	CC200-4-25-75	ST-52	1	4888	3.7	57.8
				Total	3.7	57.8

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



12 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH18

6 October Monorail
Engineering Unit
Valid For Construction

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS PROJECTION: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	6	C	1	1	A	D	W	G	5	0	0	5	6	A

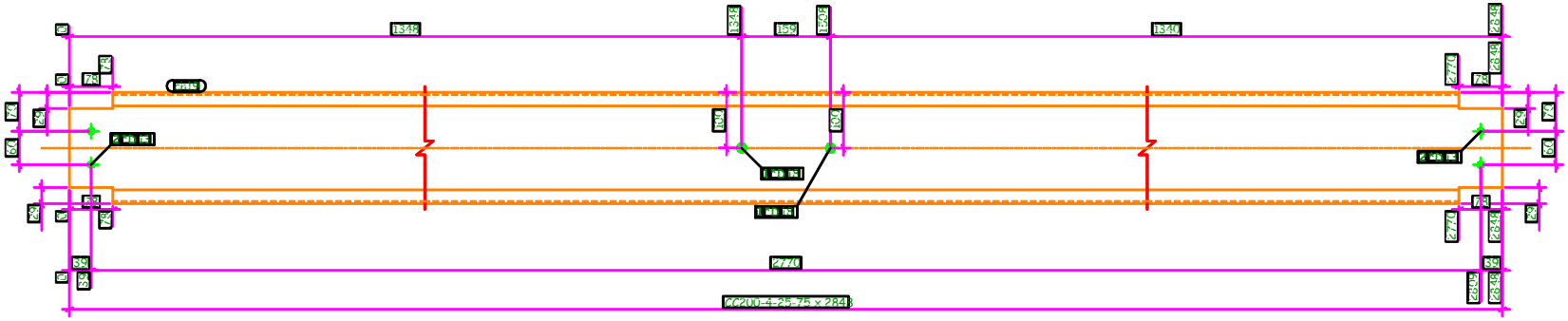
GRID LOCATION	
CH19	2-3/<A
CH19	2-3/B>
CH19	4-5/<A
CH19	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH19 8 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch19	CC200-4-25-75	ST-52	1	2848	2.1	33.2
				Total	2.1	33.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



8 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH19

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	1	A

GRID LOCATION	
CH20	2-3/<A
CH20	2-3/B>
CH20	4-5/<A
CH20	4-5/B>

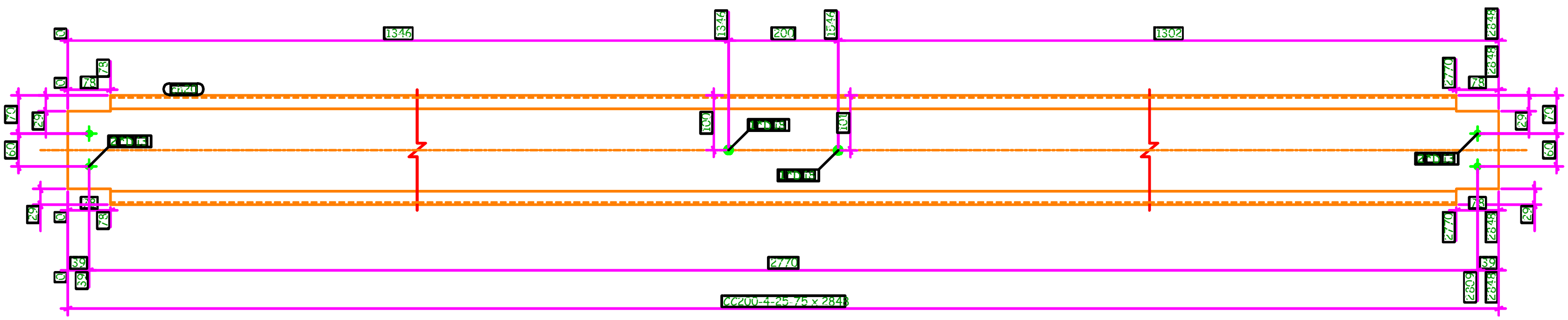
REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O

MATERIAL LIST FOR ASSEMBLY CH20 4 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch20	CC200-4-25-75	S-52	1	2848	2.1	33.2
				Total	2.1	33.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH20

GENERAL NOTES:

ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	93M-0407-SEN-000PW-END-53393.1_B_DD.STR.PT3A
2	93M-0407-SEN-000PW-END-53393.2_B_DD.STR.PT3A
3	93M-0407-SEN-000PW-END-53393.3_B_DD.STR.PT3A
4	93M-0407-SEN-000PW-END-53393.4_B_DD.STR.PT3A
5	93M-0407-SEN-000PW-END-53393.5_B_DD.STR.PT3A
6	93M-0407-SEN-000PW-END-53393.6_B_DD.STR.PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Hill International — Consultant | ORASCOM — BOMBARDIER — Main Contractor | SHAKER — SENER — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: AS SHOWN | SHOP DRAWING | DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
93M	0407	ACC	6O11A	DWG	50058	A

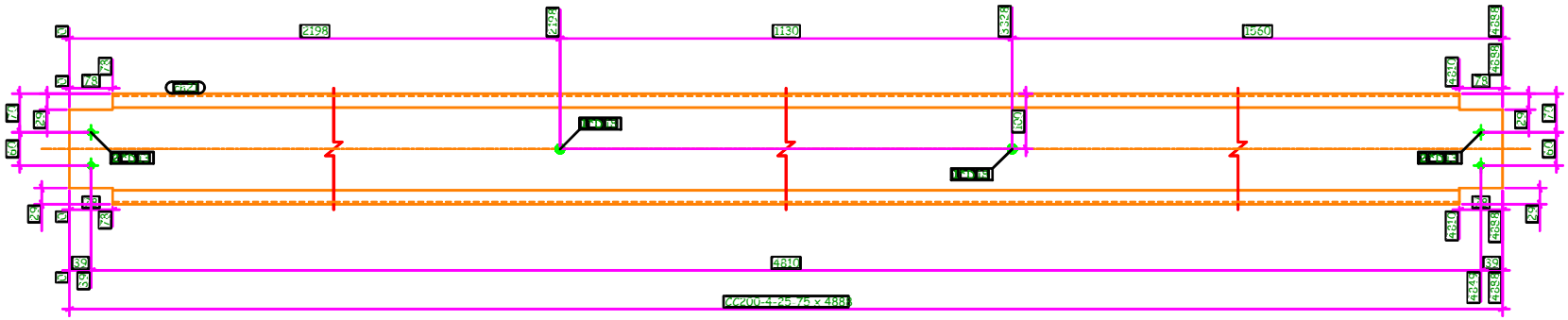
GRID LOCATION	
CH21	2-3/<A
CH21	2-3/B>
CH21	4-5/<A
CH21	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH21 4 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch21	CC200-4-25-75	ST-52	1	4888	3.7	57.8
				Total	3.7	57.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH21

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: DRAWN: CHECKED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	6	C	11	A	D	WG	5	0	0	5	9	A

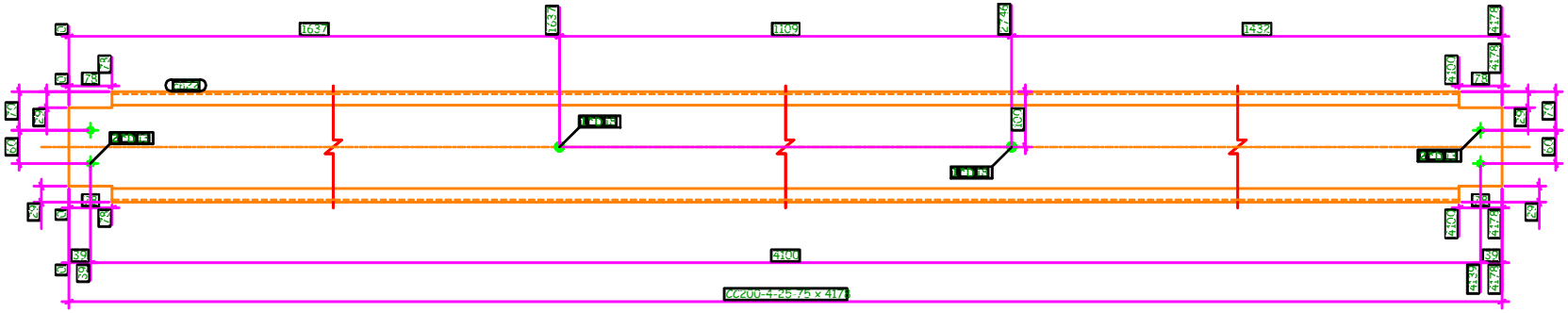
GRID LOCATION	
CH22	1-2/<A
CH22	1-2/B>
CH22	5-6/<A
CH22	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH22 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch22	CC200-4-25-75	ST-52	1	4178	3.2	49.2
				Total	3.2	49.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH22

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	6	C	11	A	D	W	G	-	5	0	0	6	0	A

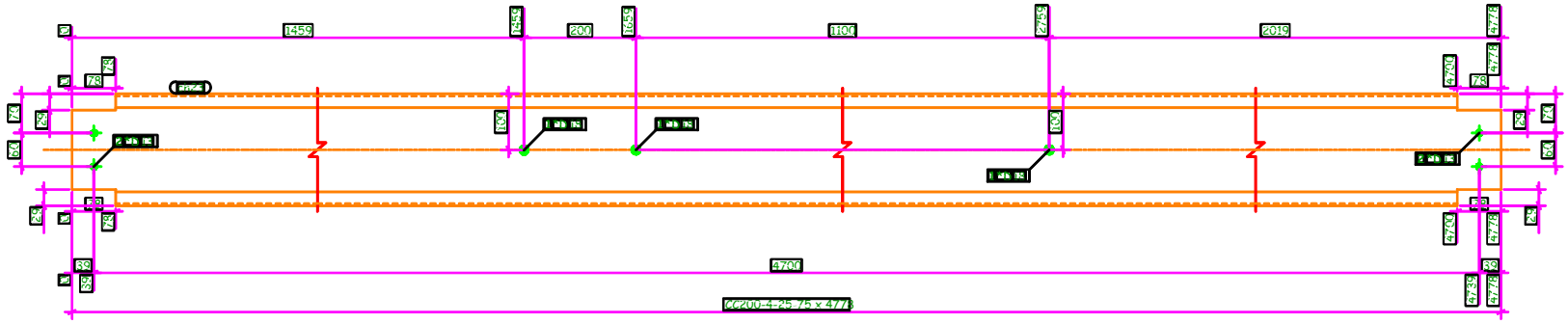
GRID LOCATION	
CH23	1-2/<A
CH23	1-2/B>
CH23	5-6/<A
CH23	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH23 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch23	CC200-4-25-75	ST-52	1	4778	3.6	56.4
				Total	3.6	56.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH23

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DRAWN: DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADWG	53061	A

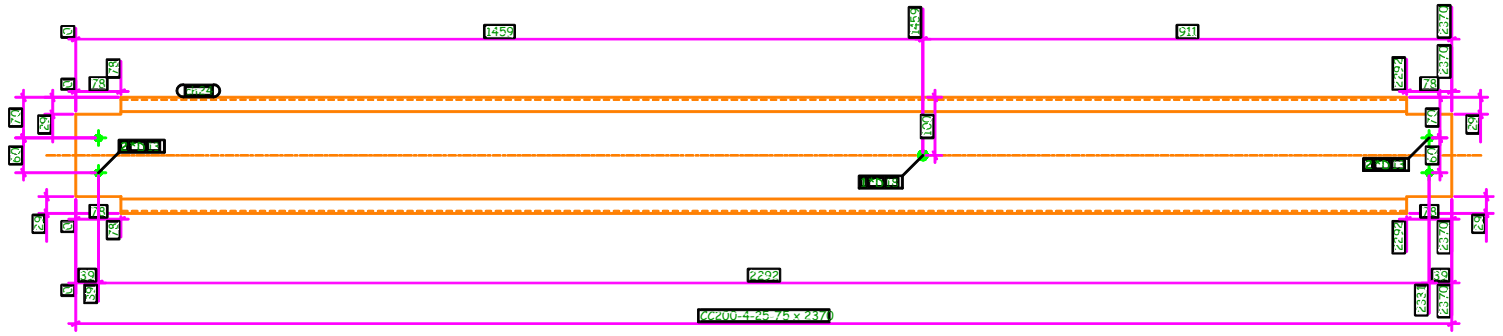
GRID LOCATION	
CH24	1-2/<A
CH24	1-2/B>
CH24	5-6/<A
CH24	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH24 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch24	CC200-4-25-75	ST-52	1	2370	1.8	27.4
				Total	1.8	27.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH24

GENERAL NOTES:

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DRAWN DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	6	C	1	1	A	D	W	G	-	5	0	0	6	2	-	A

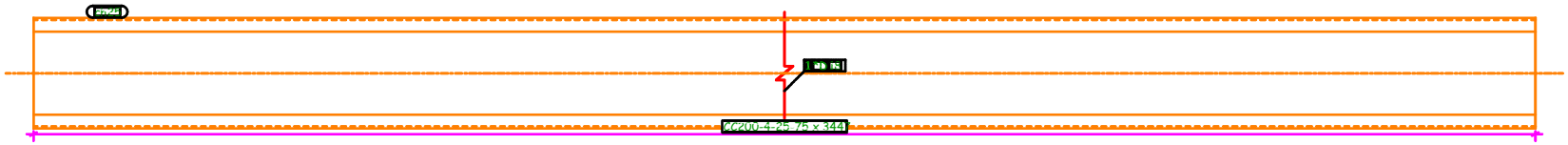
GRID LOCATION	
CH25	2-3/<A
CH25	2-3/B>
CH25	4-5/<A
CH25	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH25 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch25	CC200-4-25-75	ST-52	1	3447	2.7	41.6
				Total	2.7	41.6

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH25

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mahmoud Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	01	ADW	53006	A

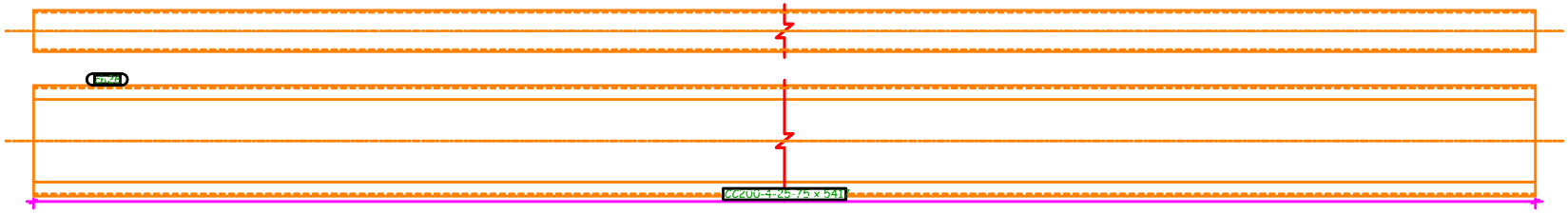
GRID LOCATION	
CH26	2-3/<A
CH26	2-3/B>
CH26	4-5/<A
CH26	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH26 4 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch26	CC200-4-25-75	ST-52	1	5417	4.2	65.3
				Total	4.2	65.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



4 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH26

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — ORASCOM / BOMBARDIER (Main Contractor) — SHAKER / SENER (Structural Designer)

KEY PLAN:

SCALE DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	0001	A

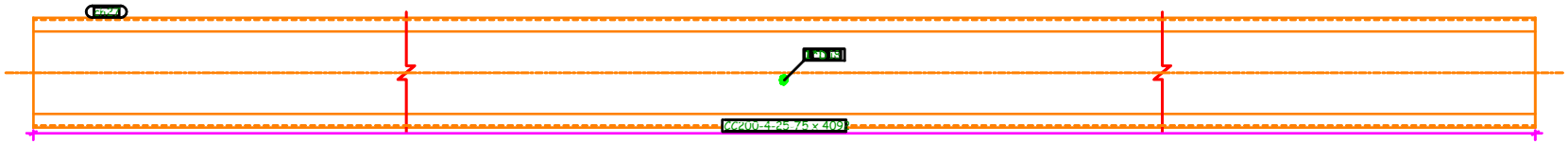
GRID LOCATION	
CH27	2-3/<A
CH27	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH27 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch27	CC200-4-25-75	ST-52	1	4092	3.2	49.3
				Total	3.2	49.3



2 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH27

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mabny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant: Hill International — Main Contractor: Orascom Construction / Bombardier — Structural Designer: Shaker / SENER

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	11	ADW	53065	A

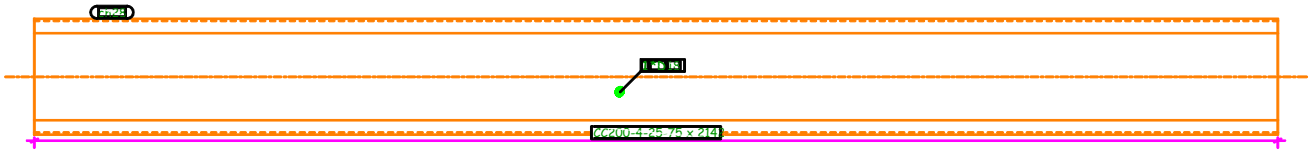
GRID LOCATION	
CH28	2-3/<A
CH28	4-5/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH28 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch28	CC200-4-25-75	ST-52	1	2142	1.7	25.8
				Total	1.7	25.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



2 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH28

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — ORASCOM / BOMBARDIER (Main Contractor) — SHAKER / SENER (Structural Designer)

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	611	ADWG	530066	A

Tekla structures

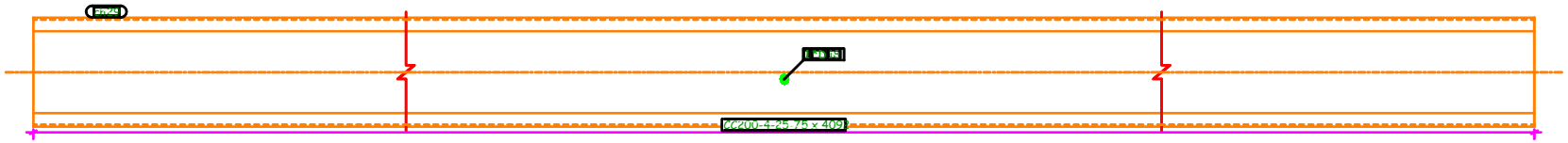
GRID LOCATION	
CH29	2-3/B>
CH29	4-5/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH29 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch29	CC200-4-25-75	ST-52	1	4092	3.2	49.3
				Total	3.2	49.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



2 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH29

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mahmoud Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADW	5010671	A

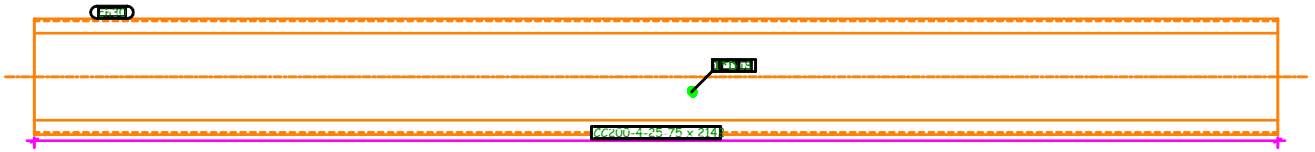
GRID LOCATION	
CH30	2-3/B>
CH30	4-5/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH30 2 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch30	CC200-4-25-75	ST-52	1	2142	1.7	25.8
				Total	1.7	25.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



2 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH30

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR.PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR.PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR.PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR.PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR.PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR.PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Consultant: Hill International — Main Contractor: CRASCONSA / BOMBARDIER — Structural Designer: SHAKER / SENER

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	0	0	1	1	A	D	W	G	5	0	0	6	8	A

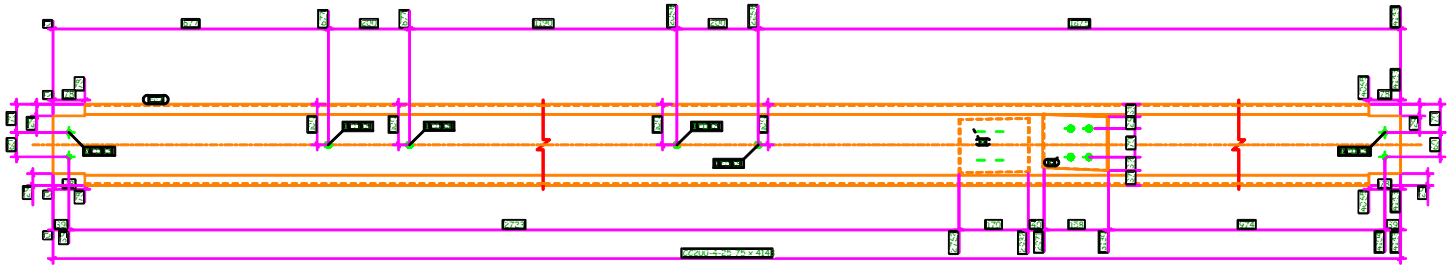
GRID LOCATION	
CH31	5-6>/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH31 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
12	PL8*130.8	ST-52	1	187	0.1	1.5
13	PL8*131.8	ST-52	1	183	0.1	1.5
ch2	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.2	51.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH31

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssif & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	611	ADWG	53069	A

Tekla structures

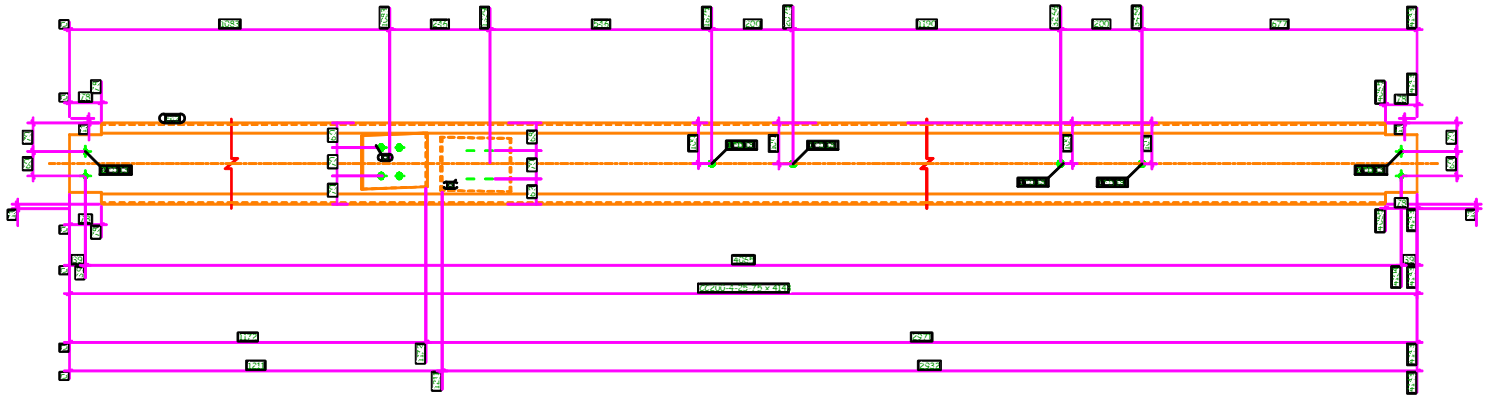
GRID LOCATION	
CH32	5-6>/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH32 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
12	PL8*130.8	ST-52	1	187	0.1	1.5
13	PL8*131.8	ST-52	1	183	0.1	1.5
ch2	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.2	51.8

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH32

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DATE
DRAWN REGISTRATION

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CBC	111	ADW	530710	A

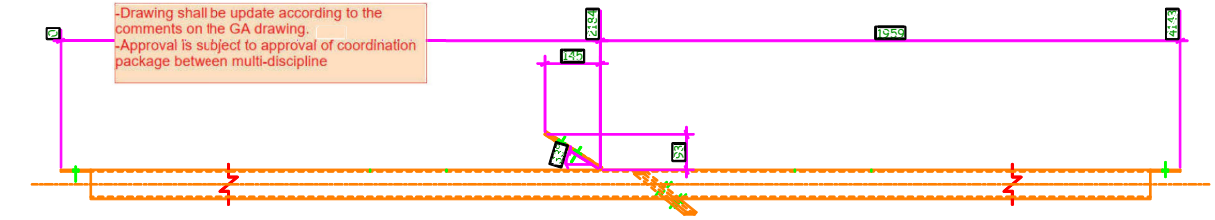
GRID LOCATION	
CH33	5-6/B>

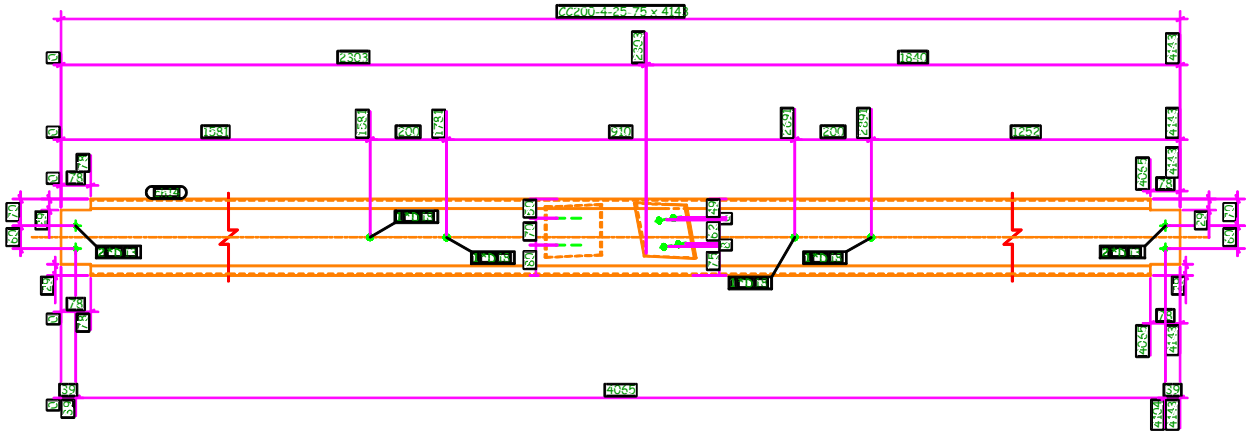
REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH33 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
16	PL8*131.8	ST-52	1	177	0.1	1.4
22	PL8*138.9	ST-52	1	193	0.1	1.5
ch14	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.2	51.7

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline





1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH33

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	B	C	11	A	D	W	G	5	0	0	7	1	A

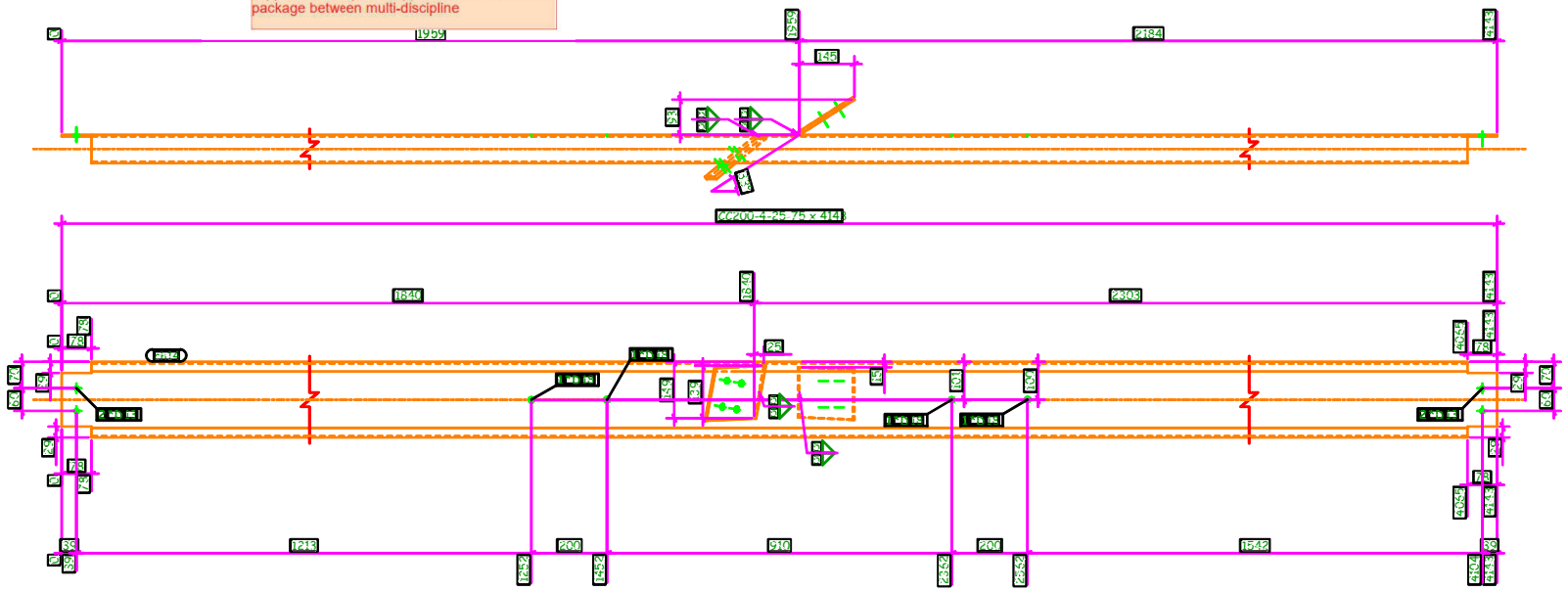
GRID LOCATION	
CH34	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH34 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
16	PL8*131.8	ST-52	1	177	0.1	1.4
22	PL8*138.9	ST-52	1	193	0.1	1.5
ch14	CC200-4-25-75	ST-52	1	4143	3.1	48.8
				Total	3.2	51.7

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH34

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE: DRAWN: DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	6	C	11	A	D	W	G	5	0	0	7	2	A

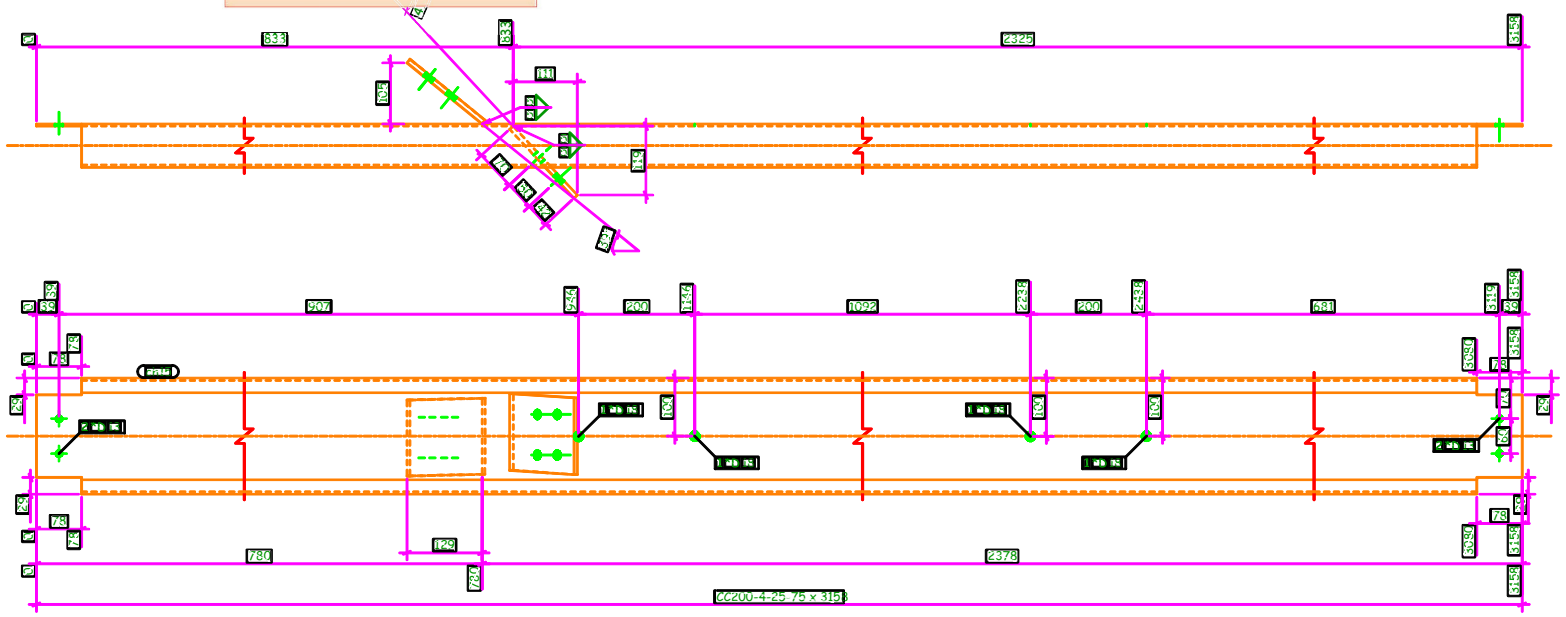
GRID LOCATION	
CH35	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH35 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
19	PL8*131	ST-52	1	169	0.0	1.4
20	PL8*132.2	ST-52	1	168	0.0	1.3
ch15	CC200-4-25-75	ST-52	1	3158	2.4	36.9
				Total	2.5	39.6

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH35

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DRAWN: DESIGNED: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	6	1 1 A	D	W	G	5	0	1	5	A

Tekla structures

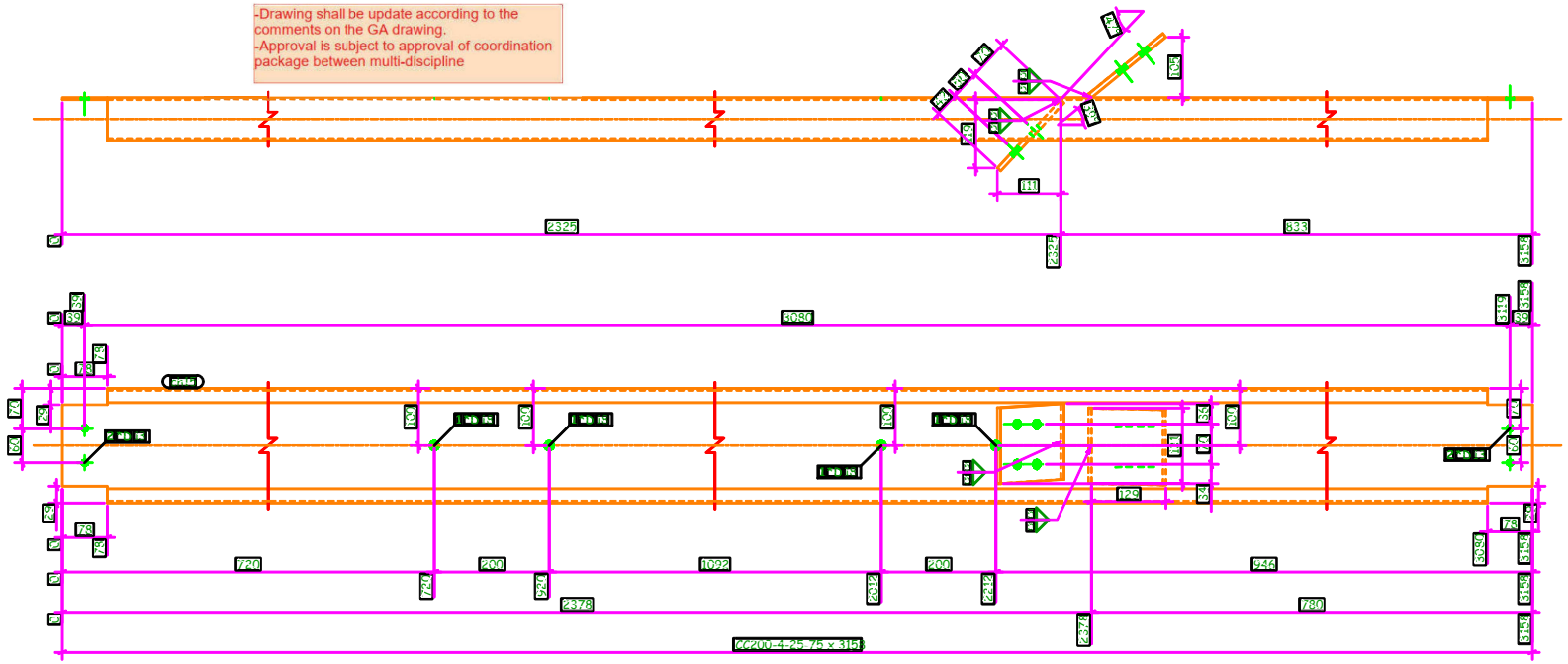
GRID LOCATION	
CH36	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH36 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
19	PL8*131	ST-52	1	169	0.0	1.4
20	PL8*132.2	ST-52	1	168	0.0	1.3
ch15	CC200-4-25-75	ST-52	1	3158	2.4	36.9
				Total	2.5	39.6

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH36

GENERAL NOTES:

CONTRACTORS: ARCONS ARAB CONTRACTING COMPANY; FERROTECH Mahmoud Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	040	7AC	CBC	111	ADW	530074	A

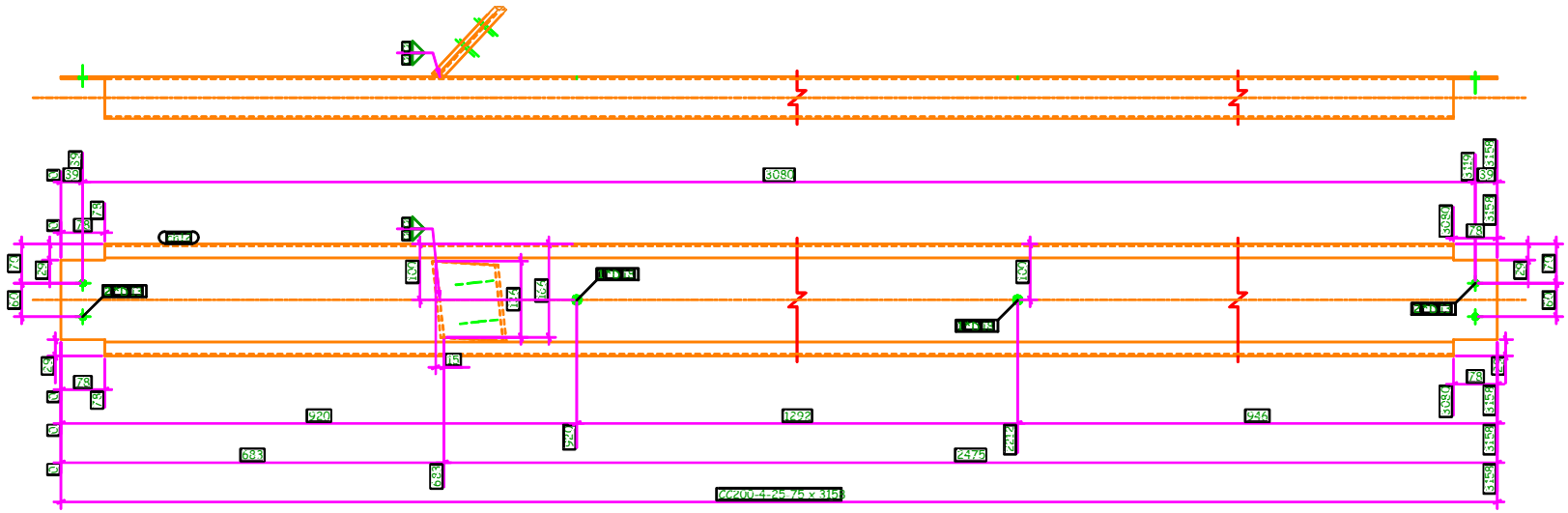
GRID LOCATION	
CH37	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH37 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
21	PL8*135.6	ST-52	1	179	0.0	1.4
ch12	CC200-4-25-75	ST-52	1	3158	2.4	36.9
				Total	2.4	38.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH37

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Holding Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0437-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0437-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0437-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0437-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0437-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0437-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	ACC	611	ADWG-50075-A

Tekla structures

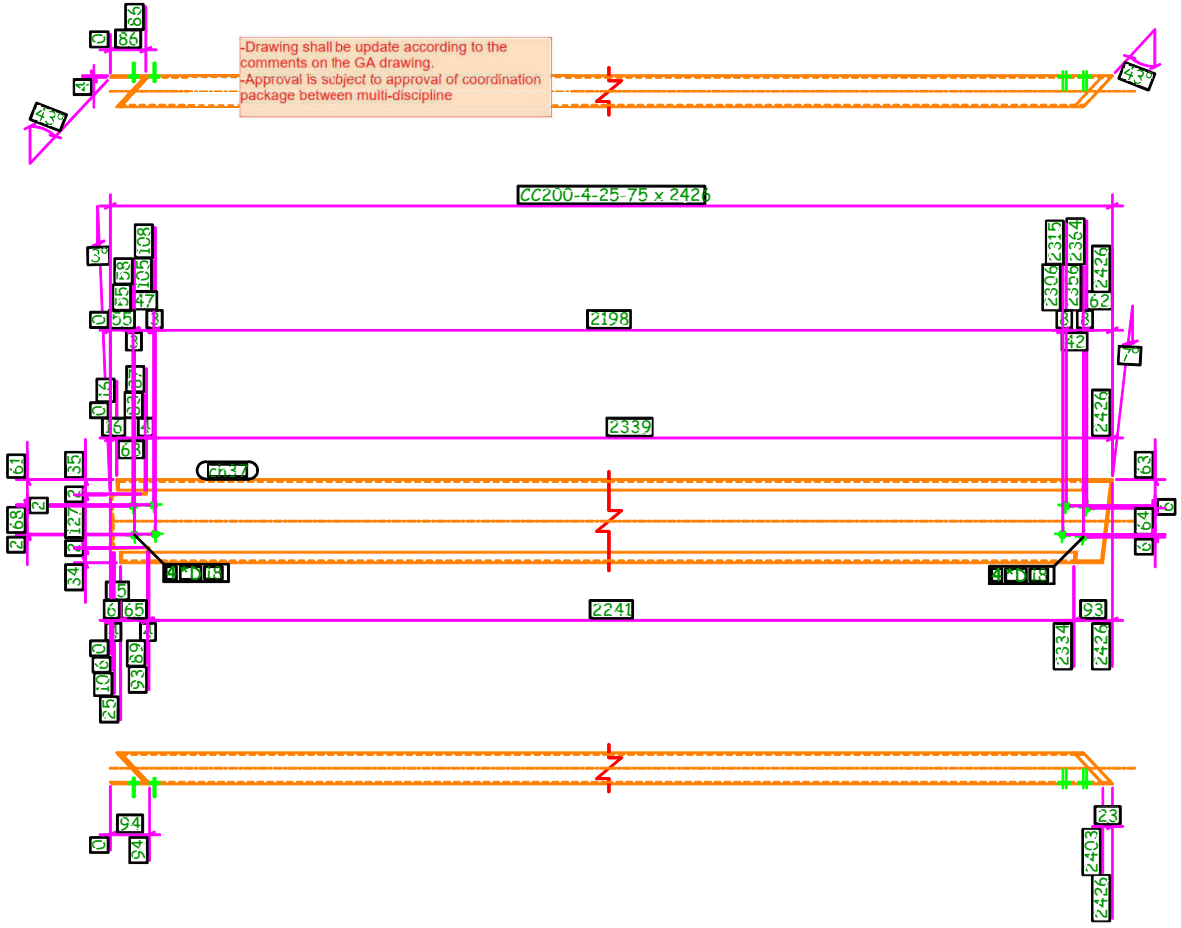
GRID LOCATION	
CH38	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH38 1 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
ch37	CC200-4-25-75	ST-52	1	2426	1.8	28.4
				Total	1.8	28.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH38

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B DD-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B DD-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B DD-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B DD-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B DD-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B DD-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	EC	11	ADWG-5010760 A

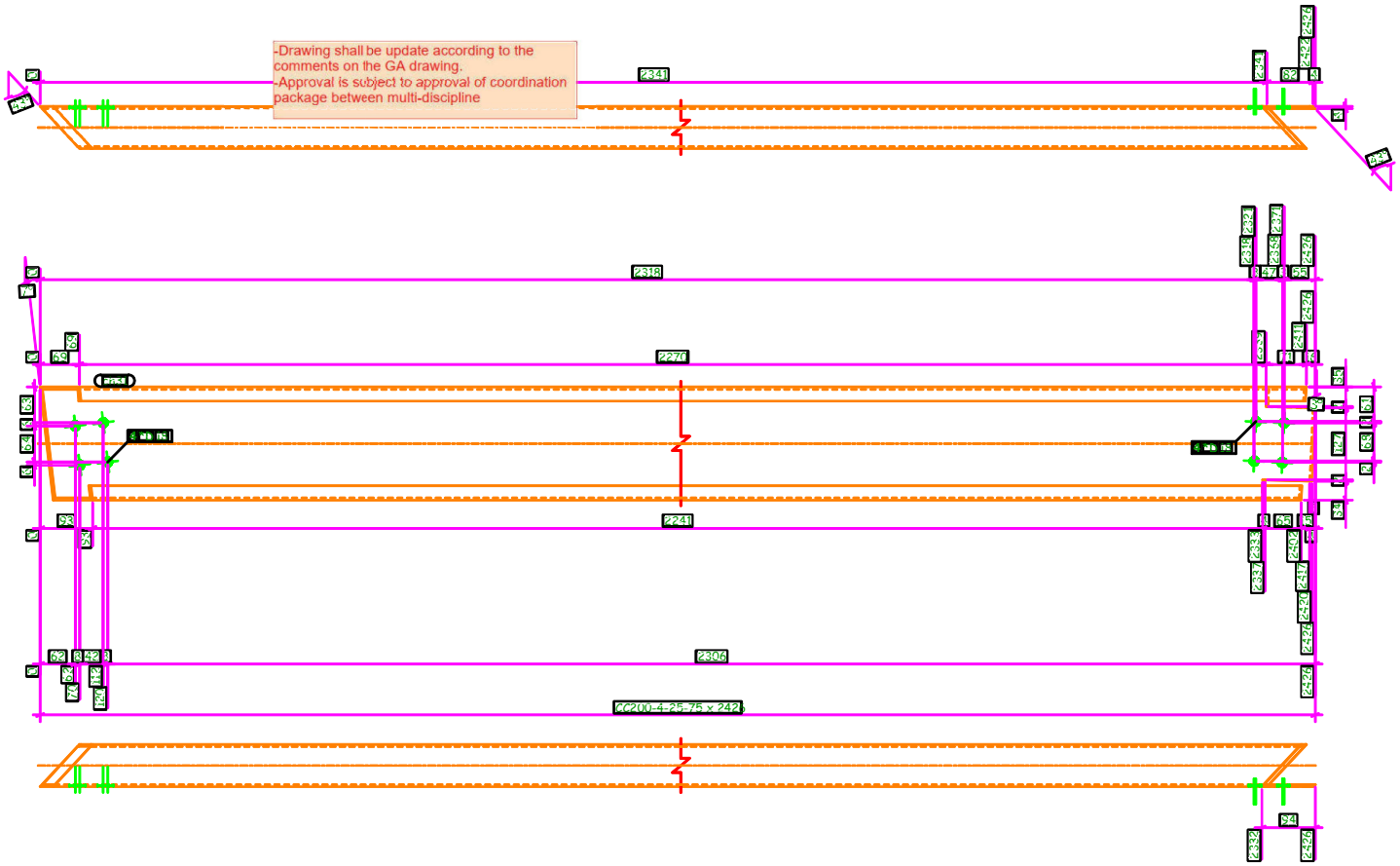
GRID LOCATION	
CH39	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH39 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch31	CC200-4-25-75	ST-52	1	2426	1.8	28.4
				Total	1.8	28.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH39

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0457-SEN-000PW-ENG-53393-1_B_00-STR-PTA
2	33M-0457-SEN-000PW-ENG-53393-2_B_00-STR-PTA
3	33M-0457-SEN-000PW-ENG-53393-3_B_00-STR-PTA
4	33M-0457-SEN-000PW-ENG-53393-4_B_00-STR-PTA
5	33M-0457-SEN-000PW-ENG-53393-5_B_00-STR-PTA
6	33M-0457-SEN-000PW-ENG-53393-6_B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DATE
DRAWN DESIGNED

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	04	07	A	C	C	6	C	11	A	D	WG	5	0	0	7	1	A

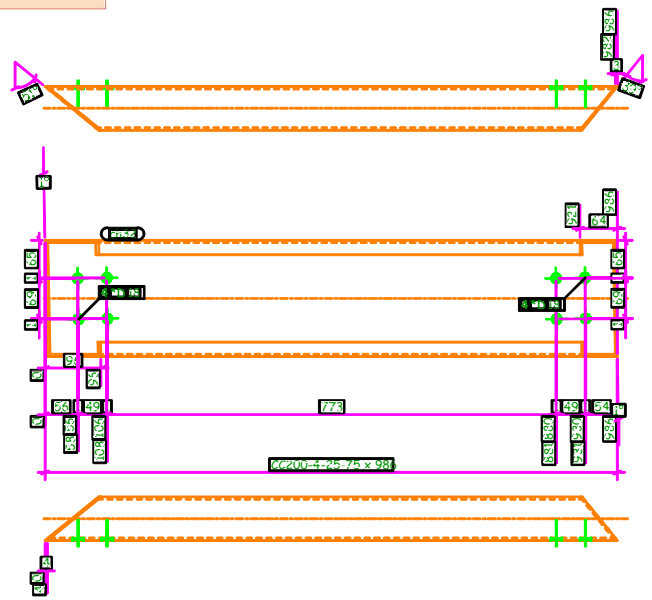
GRID LOCATION	
CH40	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH40 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch32	CC200-4-25-75	ST-52	1	986	0.7	11.3
				Total	0.7	11.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH40

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTXX
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTXX
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTXX
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTXX
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTXX
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTXX
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DATE
DESIGNED

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADW	G50078	A

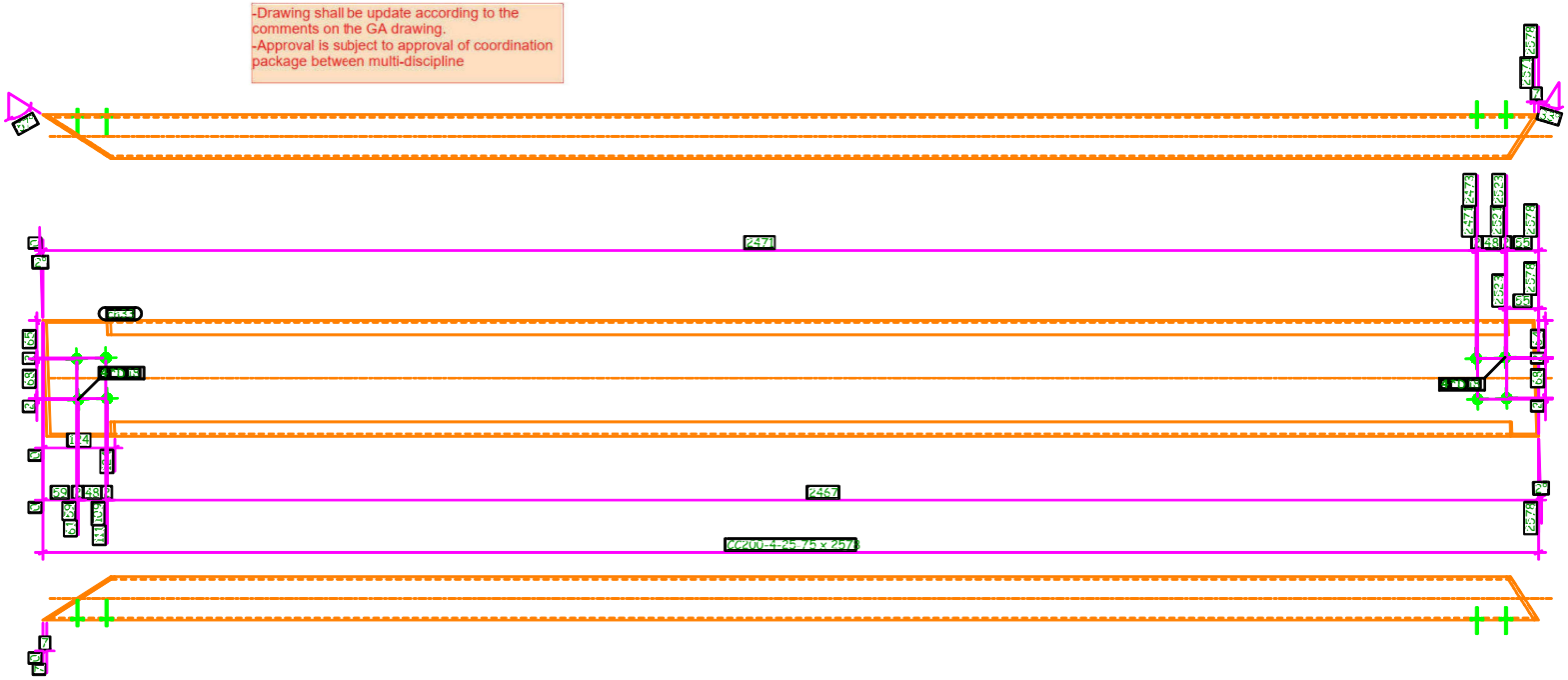
GRID LOCATION	
CH41	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH41 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch33	CC200-4-25-75	ST-52	1	2578	2.0	30.4
				Total	2.0	30.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH41

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	040	7ACG	6C	11	ADWG	501758 A

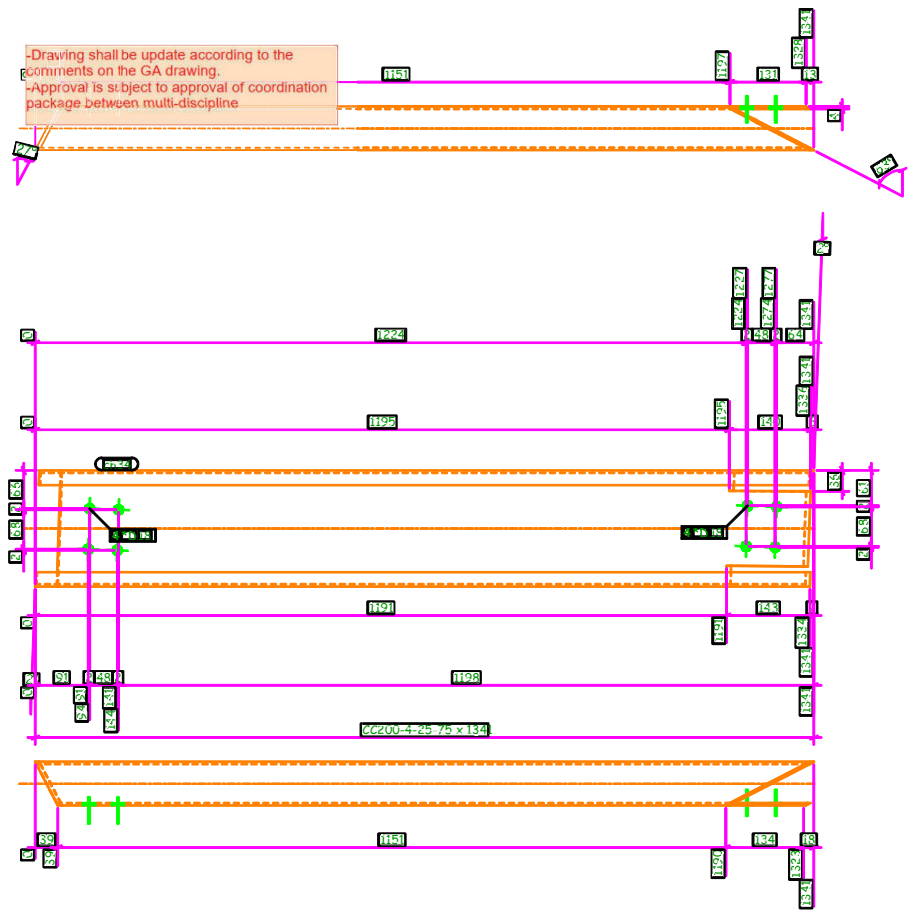
GRID LOCATION	
CH42	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH42 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch34	CC200-4-25-75	ST-52	1	1341	1.0	15.1
				Total	1.0	15.1

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH42

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hanny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — CRASCOM / BOMBARDIER (Main Contractor) — SHAKER / SENER (Structural Designer)

KEY PLAN:

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACC	611	ADW	53060	A

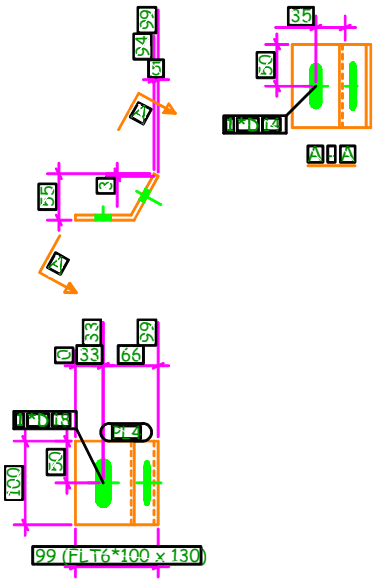
GRID LOCATION	
PL4	1-2/<A
PL4	1-2/B>
PL4	2-3/<A
PL4	2-3/B>
PL4	4-5/<A
PL4	4-5/B>
PL4	5-6/<A
PL4	5-6/B>
PL4	6>/<A
PL4	6>/B>
PL4	<1/<A
PL4	<1/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY PL4 64 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
PL4	FLT6*100	ST-52	1	130	0.0	0.6
				Total	0.0	0.6



64 Nos. PLATE REQUIRED AS DRAWN MARKED PL4

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PT3A
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PT3A
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PT3A
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PT3A
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PT3A
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PT3A
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	ACC	EC	11	ADWG-53001

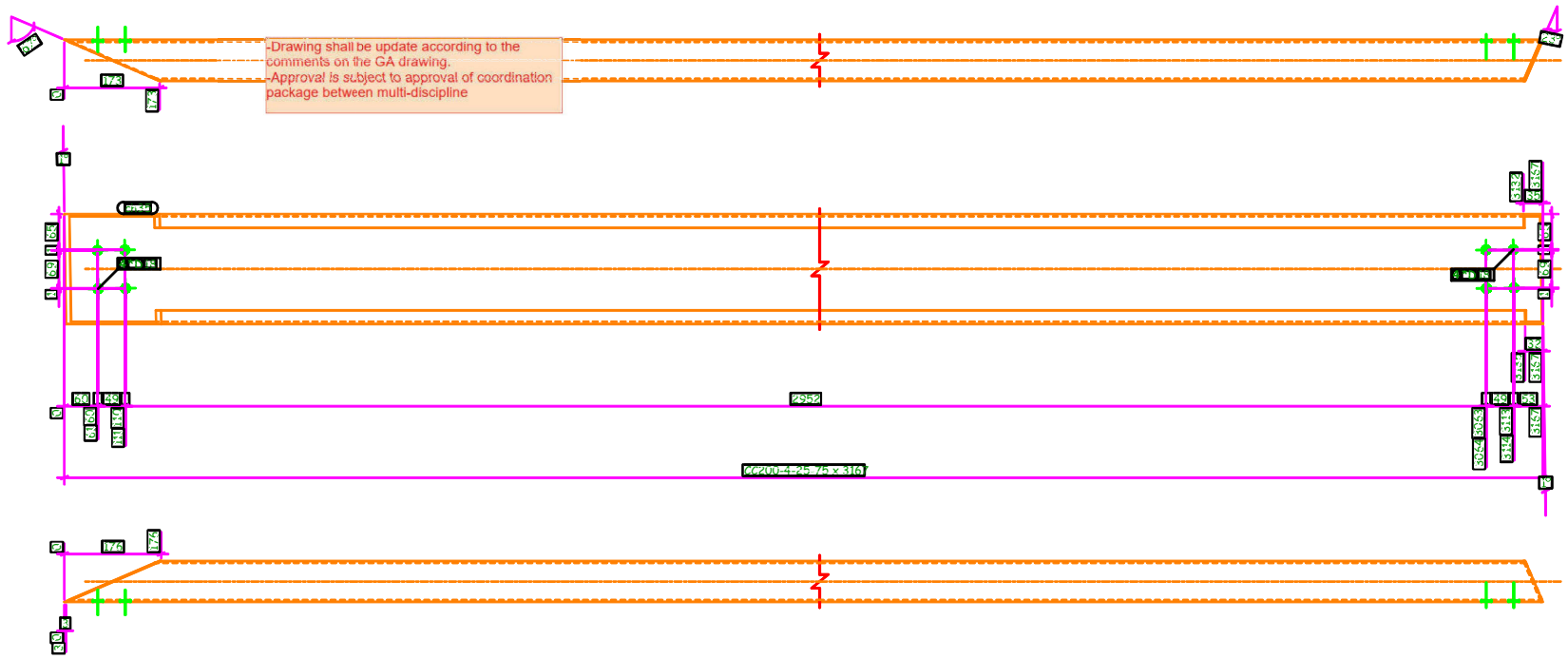
GRID LOCATION	
CH43	5-6>/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH43 1 Nos ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch35	CC200-4-25-75	ST-52	1	3167	2.4	37.4
				Total	2.4	37.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH43

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor: ORASCOM / BOMBARDIER — Structural Designer: SHAKER / SENER

KEY PLAN:

SCALE: NTS DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	0 M	0 4	0 7	A C	C B C	1 1 A D W G - 5 3 0 0 5 2 - A

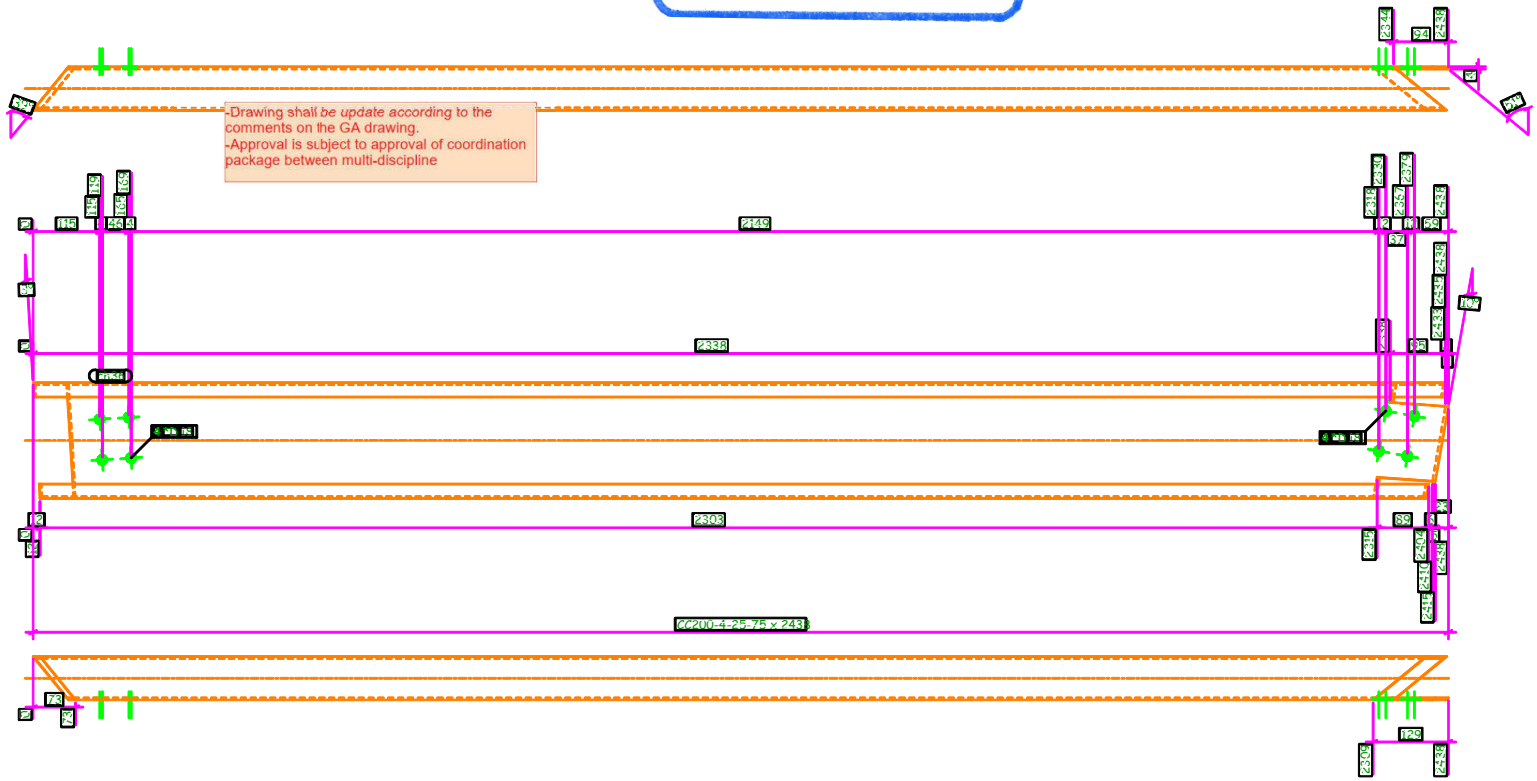
GRID LOCATION	
CH44	5-6/<A

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH44 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch36	CC200-4-25-75	ST-52	1	2438	1.8	28.2
				Total	1.8	28.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH44

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mahroy Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	04	07	A	C	0	11	A	D	W	G	5	0	0	5	A

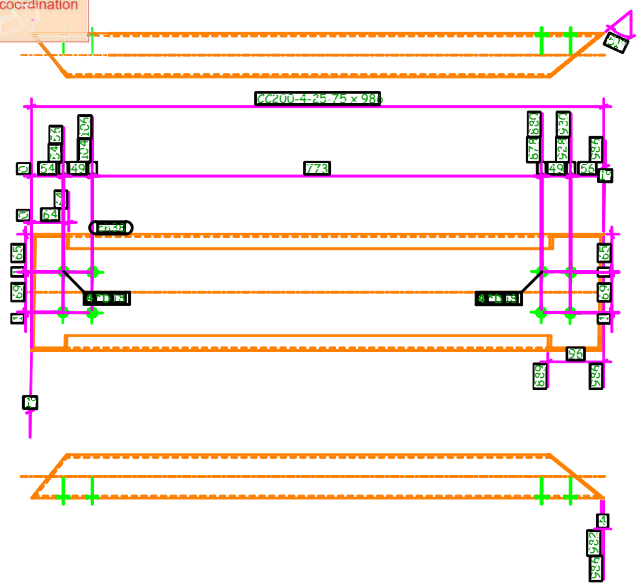
GRID LOCATION	
CH45	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH45 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch38	CC200-4-25-75	ST-52	1	986	0.7	11.3
				Total	0.7	11.3



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH45

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADW	530054	A

Tekla structures

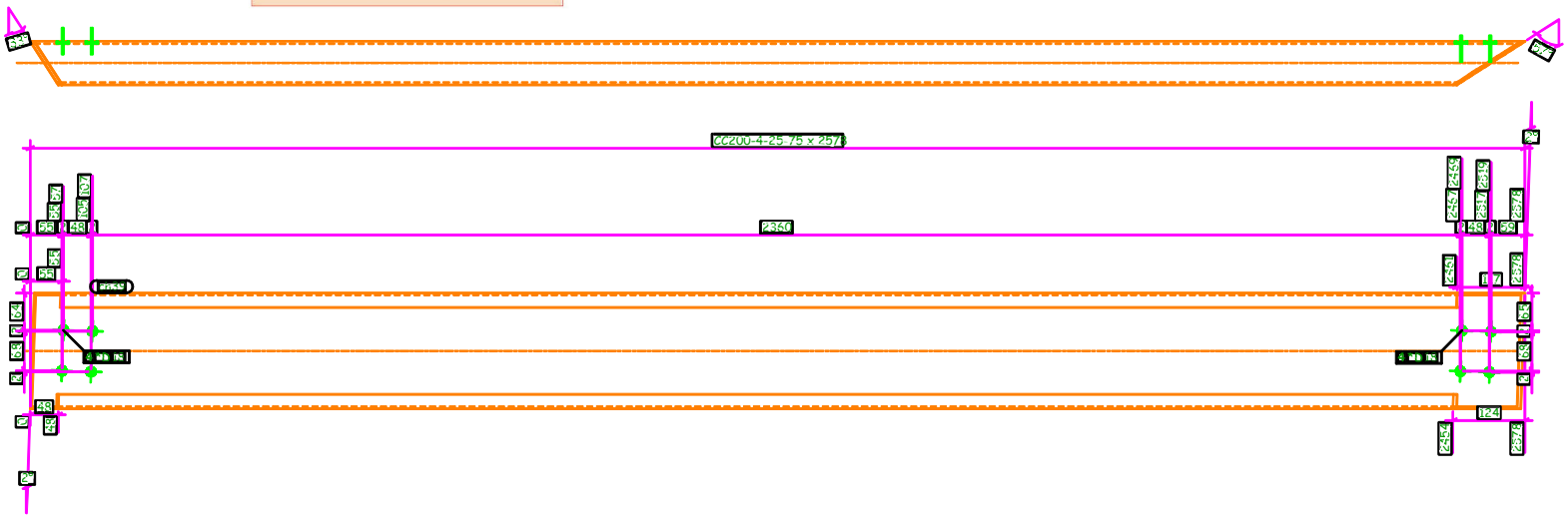
GRID LOCATION	
CH46	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH46 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch39	CC200-4-25-75	ST-52	1	2578	2.0	30.4
				Total	2.0	30.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH46

6 October Monorail
Engineering Unit
Valid For Construction

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Making Mohamed Hassan Yousef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Orascom Construction / Bombardier (Main Contractor) — Shaker / SENER (Structural Designer)

KEY PLAN:

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	0407	ACG	CEC	111	ADW	53085	A

Tekla structures

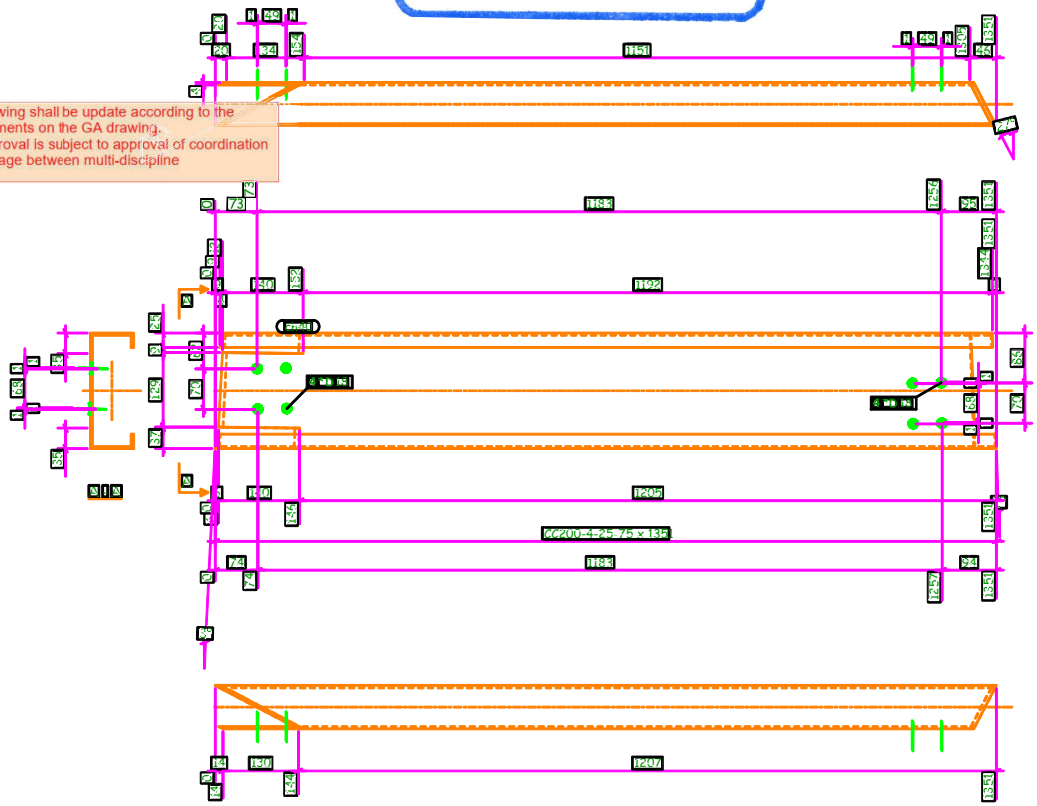
GRID LOCATION	
CH47	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH47 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch40	CC200-4-25-75	ST-52	1	1351	1.0	15.2
				Total	1.0	15.2



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH47

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Hefny Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor (CRASCONSA / BOMBARDIER) — Structural Designer (SHAKER / SENER)

KEY PLAN:

SCALE DRAWN DESIGNED DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9	3M	0407	A	C	0	A

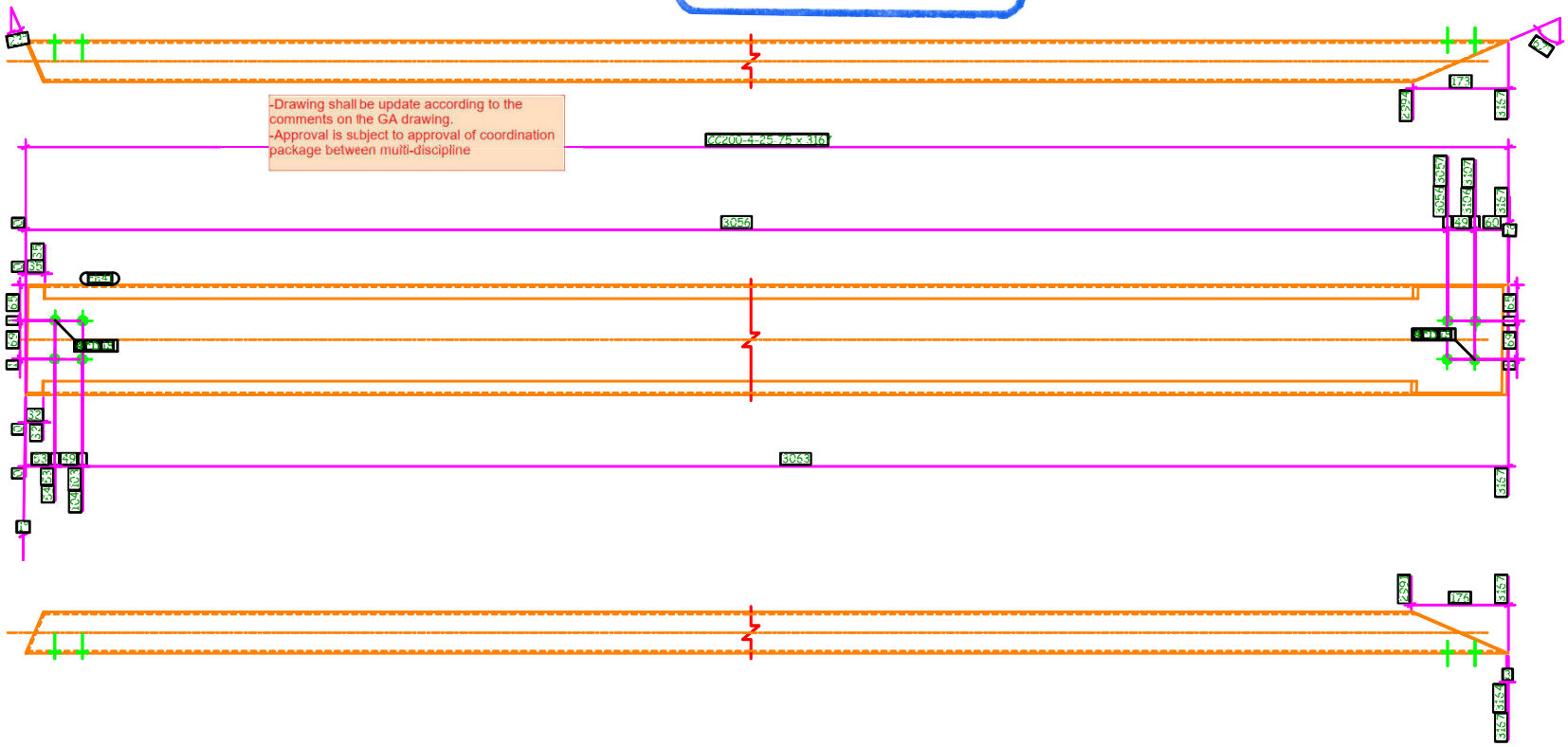
GRID LOCATION	
CH48	5-6>/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH48 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch41	CC200-4-25-75	ST-52	1	3167	2.4	37.4
				Total	2.4	37.4

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH48

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Heavy Mechanical Maintain Yourself & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B 00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B 00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B 00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B 00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B 00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B 00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — ORASCOM BOMBARDIER (Main Contractor) — SHAKER SENER (Structural Designer)

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

SCALE	DRAWN	DESIGNED	DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	040	7ACC	6C	11	ADWG	501057 A

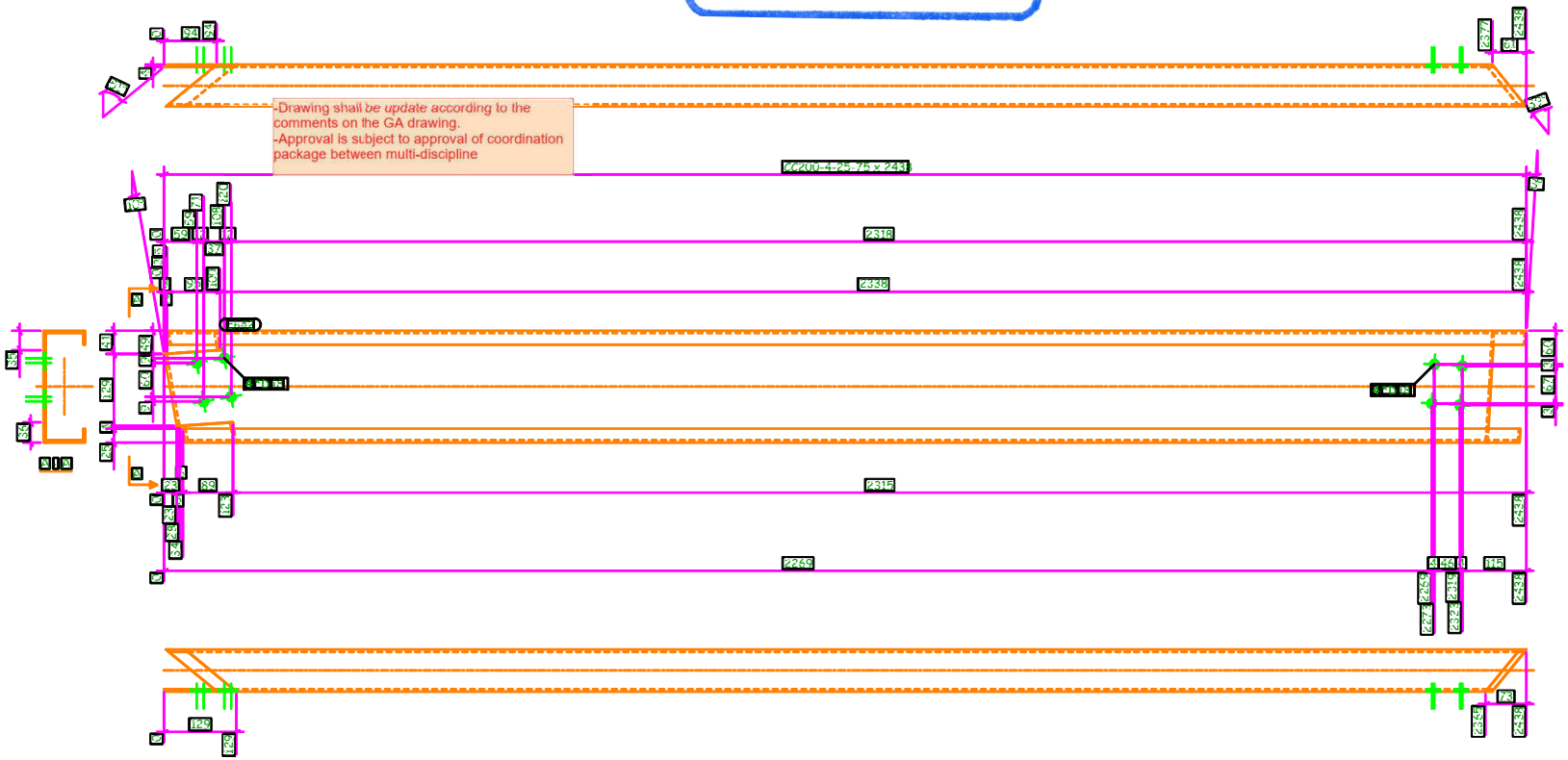
GRID LOCATION	
CH49	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH49 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
ch42	CC200-4-25-75	ST-52	1	2438	1.8	28.2
				Total	1.8	28.2

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH49

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Heavy Mechanical Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — BOMBARDIER (Main Contractor) — SHAKER SENER (Structural Designer)

KEY PLAN:

SCALE DRAWN BY DATE

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
0	3M	0407	ACC	EC	11	ADWG-53093-A

Tekla structures

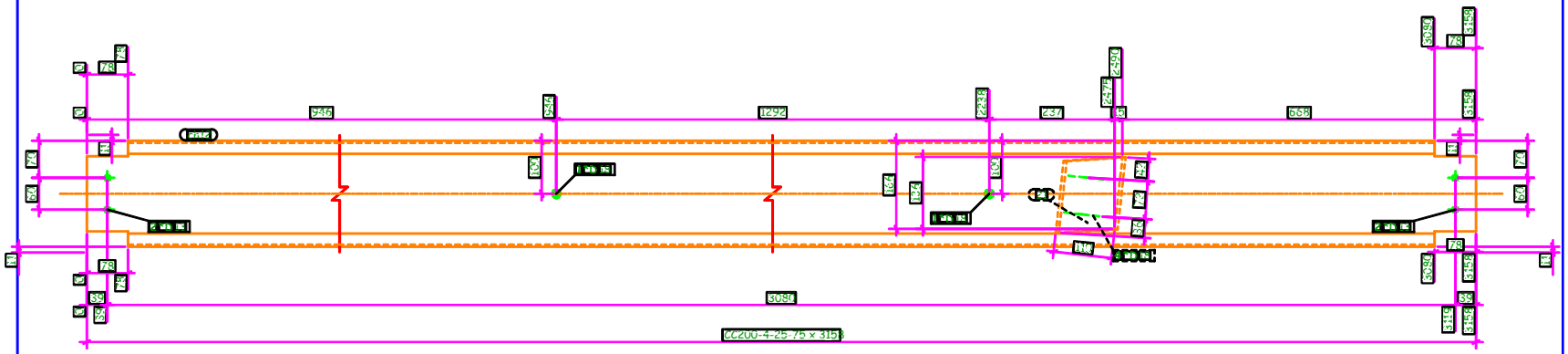
GRID LOCATION	
CH50	5-6/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY CH50 1 Nos. ROD

Mark	Profile	Material	No.	Length	Area	Weight
21	PL8*135.6	ST-52	1	179	0.0	1.4
ch12	CC200-4-25-75	ST-52	1	3158	2.4	36.9
				Total	2.4	38.3



1 Nos. CHANNEL REQUIRED AS DRAWN MARKED CH50

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH Mahroy Mohamed Hassan Youssef & Partners

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

SCALE: DRAWN: DATE:

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

6 October Monorail
Engineering Unit
Valid For Construction

DRAWING TITLE

6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
33M	040	7AC	CBC	111	ADW	G50085	A

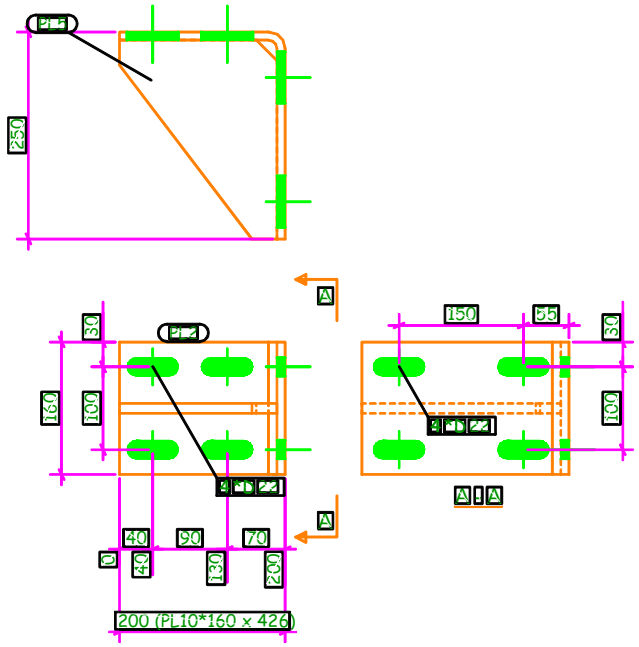
GRID LOCATION	
PL2	1-2/<A
PL2	1-2/B>
PL2	2-3/<A
PL2	2-3/B>
PL2	2/<A
PL2	2/B>
PL2	4-5/<A
PL2	4-5/B>
PL2	5-6/<A
PL2	5-6/B>
PL2	5/<A
PL2	5/B>
PL2	6>/<A
PL2	6>/B>
PL2	<1/<A
PL2	<1/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY PL2 84 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
PL2	PL10*160	ST-52	1	426	0.2	5.4
PL5	PL12*190	ST-52	1	240	0.1	2.7
				Total	0.2	8.1

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



84 Nos. PLATE REQUIRED AS DRAWN MARKED PL2

6 October Monorail
Engineering Unit
Valid For Construction

Tekla structures

GENERAL NOTES:

REFERENCE DRAWINGS

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority | Consultant | Main Contractor | Structural Designer

KEY PLAN:

SCALE | DRAWN | CHECKED | DATE

REV | DATE | DSG. | CHK. | APP. | AMENDMENTS | STATUS

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code | Rubric | Initiator | Lot | Ref | Number | Revision

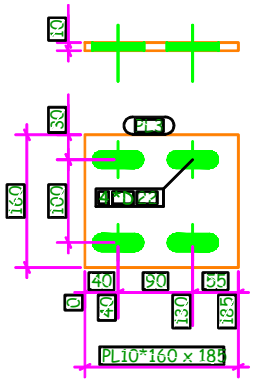
GRID LOCATION	
PL3	1-2/<A
PL3	1-2/B>
PL3	2-3/<A
PL3	2-3/B>
PL3	2/<A
PL3	2/B>
PL3	4-5/<A
PL3	4-5/B>
PL3	5-6/<A
PL3	5-6/B>
PL3	5/<A
PL3	5/B>
PL3	6>/<A
PL3	6>/B>
PL3	<1/<A
PL3	<1/B>

REVIEWED WITH COMMENT
MONORAILS PROJECT

GENERAL NOTES: All Holes Are: 22.0 mm U.N.O
All Welds Are: 6.0 mm U.N.O
MATERIAL LIST FOR ASSEMBLY PL3 84 Nos. RQD

Mark	Profile	Material	No.	Length	Area	Weight
PL3	PL10*160	ST-52	1	185	0.1	2.3
				Total	0.1	2.3

-Drawing shall be update according to the comments on the GA drawing.
-Approval is subject to approval of coordination package between multi-discipline



84 Nos. PLATE REQUIRED AS DRAWN MARKED PL3

Tekla structures

GENERAL NOTES:

CONTRACTOR: ARCONS ARAB CONTRACTING COMPANY
FERROTECH

REFERENCE DRAWINGS

1	33M-0407-SEN-000PW-ENG-53393-1 B_00-STR-PTA
2	33M-0407-SEN-000PW-ENG-53393-2 B_00-STR-PTA
3	33M-0407-SEN-000PW-ENG-53393-3 B_00-STR-PTA
4	33M-0407-SEN-000PW-ENG-53393-4 B_00-STR-PTA
5	33M-0407-SEN-000PW-ENG-53393-5 B_00-STR-PTA
6	33M-0407-SEN-000PW-ENG-53393-6 B_00-STR-PTA
7	
8	
9	

6TH OF OCTOBER CITY RAIL TRANSIT MONORAIL

The Authority — Hill International (Consultant) — Main Contractor — Structural Designer

KEY PLAN:

6 October Monorail
Engineering Unit
Valid For Construction

REV	DATE	DSG.	CHK.	APP.	AMENDMENTS	STATUS

SCALE: DRAWING NO. DATE

DRAWING TITLE
6TH OF OCTOBER MONORAIL
STATION PROTOTYPE 03 (BASHTEEL STATION)
ASSEMBLY DRAWING

Project Code	Rubric	Initiator	Lot	Ref	Number	Revision
9 3 M	0 4 0 7	A C	C B C	1 1	A D W G	5 0 0 9 1	A